

NEWFIELD



September 25, 2006

State of Utah
Division of Oil, Gas & Mining
Attn: Diana Whitney
1594 West North Temple - Suite 1210
P.O. Box 145801
Salt Lake City, Utah 84114-5801

RE: Applications for Permit to Drill

Federal 1-27-9-16

Federal 2-27-9-16

Federal 3-27-9-16

Federal 5-27-9-16

Federal 6-27-9-16

Federal 7-27-9-16

Federal 8-27-9-16

Dear Diana:

Enclosed find APD's on the above referenced wells. The proposed 7-27-9-16 and 8-27-9-16 are Exception Locations. Our Land Department will send you the required Exception Location Letters. If you have any questions, feel free to give either Brad Meham or myself a call.

Sincerely,

Mandie Crozier
Regulatory Specialist

mc
enclosures

RECEIVED

SEP 27 2006

DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

5. Lease Serial No.

UTU-74392

6. If Indian, Allottee or Tribe Name

N/A

7. If Unit or CA Agreement, Name and No.

N/A

8. Lease Name and Well No.

Federal 1-27-9-16

9. API Well No.

43-013-333 50

10. Field and Pool, or Exploratory

Monument Butte

11. Sec., T., R., M., or Blk. and Survey or Area

NE/NE Sec. 27, T9S R16E

12. County or Parish

Duchesne

13. State

UT

1a. Type of Work: ☒ DRILL

☐ REENTER

1b. Type of Well: ☒ Oil Well ☐ Gas Well ☐ Other

☒ Single Zone ☐ Multiple Zone

2. Name of Operator

Newfield Production Company

3a. Address

Route #3 Box 3630, Myton UT 84052

3b. Phone No. (include area code)

(435) 646-3721

4. Location of Well (Report location clearly and in accordance with any State requirements. *)

At surface NE/NE 553' FNL 503' FEL 577059X 40.007583

At proposed prod. zone 4428779Y -110.097173

14. Distance in miles and direction from nearest town or post office*

Approximatley 25.2 miles south of Myton, Utah

15. Distance from proposed*

location to nearest
property or lease line, ft.

(Also to nearest drig. unit line, if any) Approx. 503' f/lse, NA f/unit

16. No. of Acres in lease

2080.00

17. Spacing Unit dedicated to this well

40 Acres

18. Distance from proposed location*
to nearest well, drilling, completed,
applied for, on this lease, ft.

Approx. 1649'

19. Proposed Depth

5840'

20. BLM/BIA Bond No. on file

UTB000192

21. Elevations (Show whether DF, KDB, RT, GL, etc.)

5797' GL

22. Approximate date work will start*

1st Quarter 2007

23. Estimated duration

Approximately seven (7) days from spud to rig release.

24. Attachments

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

1. Well plat certified by a registered surveyor.

2. A Drilling Plan.

3. A Surface Use Plan (if the location is on National Forest System Lands, the
SUPO shall be filed with the appropriate Forest Service Office).

4. Bond to cover the operations unless covered by an existing bond on file (see
Item 20 above).

5. Operator certification.

6. Such other site specific information and/or plans as may be required by the
authorized officer.

25. Signature

Title

Regulatory Specialist

Name (Printed/Typed)

Mandie Crozier

Date

9/25/06

Approved by (Signature)

Title

Name (Printed/Typed)

BRADLEY G. HILL
Office ENVIRONMENTAL MANAGER

Date

09-27-06

Application approval does not warrant or certify the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

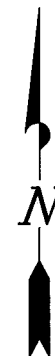
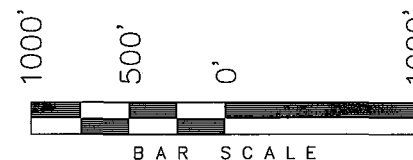
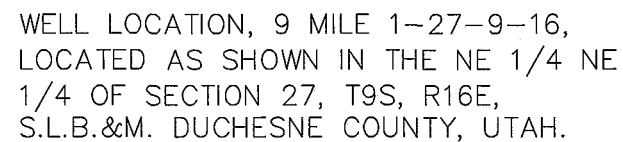
Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

Federal Approval of this
Action Is Necessary

RECEIVED
SEP 27 2006
DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION No. 48037
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING
180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 1-27-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 27.31"
LONGITUDE = 110° 05' 51.91"

DATE SURVEYED:
7-9-06

SURVEYED BY: C.M.

DATE DRAWN:
07-11-06

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'

NEWFIELD PRODUCTION COMPANY
FEDERAL #1-27-9-16
NE/NE SECTION 27, T9S, R16E
DUCHESNE COUNTY, UTAH

ONSHORE ORDER NO. 1

DRILLING PROGRAM

1. GEOLOGIC SURFACE FORMATION:

Uinta formation of Upper Eocene Age

2. ESTIMATED TOPS OF IMPORTANT GEOLOGIC MARKERS:

Uinta	0' – 2162'
Green River	2162'
Wasatch	5840'

3. ESTIMATED DEPTHS OF ANTICIPATED WATER, OIL, GAS OR MINERALS:

Green River Formation 2162' – 5840' - Oil

4. PROPOSED CASING PROGRAM

Please refer to the Monument Butte Field Standard Operation Procedure (SOP).

5. MINIMUM SPECIFICATIONS FOR PRESSURE CONTROL:

Please refer to the Monument Butte Field SOP. See Exhibit "C".

6. TYPE AND CHARACTERISTICS OF THE PROPOSED CIRCULATION MUDS:

Please refer to the Monument Butte Field SOP.

7. AUXILIARY SAFETY EQUIPMENT TO BE USED:

Please refer to the Monument Butte Field SOP.

8. TESTING, LOGGING AND CORING PROGRAMS:

Please refer to the Monument Butte Field SOP.

9. ANTICIPATED ABNORMAL PRESSURE OR TEMPERATURE:

The anticipated maximum bottom hole pressure is 1800 psi. It is not anticipated that abnormal temperatures will be encountered.

10. ANTICIPATED STARTING DATE AND DURATION OF THE OPERATIONS:

Please refer to the Monument Butte Field SOP.

**NEWFIELD PRODUCTION COMPANY
FEDERAL #1-27-9-16
NE/NE SECTION 27, T9S, R16E
DUCHESNE COUNTY, UTAH**

ONSHORE ORDER NO. 1

MULTI-POINT SURFACE USE & OPERATIONS PLAN

1. EXISTING ROADS

See attached Topographic Map "A"

To reach Newfield Production Company well location site Federal #1-27-9-16 located in the NE 1/4 NE 1/4 Section 27, T9S, R16E, Duchesne County, Utah:

Proceed southwesterly out of Myton, Utah along Highway 40 - 1.6 miles \pm to the junction of this highway and UT State Hwy 53; proceed southeasterly along Hwy 53 - 11.0 miles \pm to it's junction with an existing road to the northeast; proceed northeasterly and then southwesterly - 10.1 miles \pm to it's junction with an existing road to the southeast - proceed southeasterly - 0.2 miles \pm to it's junction with the beginning of an existing two track road; proceed along the existing two track road - 1.3 miles \pm to it's junction with the beginning of the proposed access road; proceed easterly along the proposed access road - 0.9 miles \pm to the proposed well location.

2. PLANNED ACCESS ROAD

See Topographic Map "B" for the location of the proposed access road.

3. LOCATION OF EXISTING WELLS

Refer to Exhibit "B".

4. LOCATION OF EXISTING AND/OR PROPOSED FACILITIES

All permanent surface equipment will be painted Carlsbad Canyon.
Please refer to the Monument Butte Field Standard Operating Procedure (SOP).

5. LOCATION AND TYPE OF WATER SUPPLY

Please refer to the Monument Butte Field SOP. See Exhibit "A".

6. SOURCE OF CONSTRUCTION MATERIALS

Please refer to the Monument Butte Field SOP.

7. METHODS FOR HANDLING WASTE DISPOSAL

Please refer to the Monument Butte Field SOP.

8. ANCILLARY FACILITIES

Please refer to the Monument Butte Field SOP.

9. **WELL SITE LAYOUT**

See attached Location Layout Diagram.

10. **PLANS FOR RESTORATION OF SURFACE**

Please refer to the Monument Butte Field SOP.

11. **SURFACE OWNERSHIP** - Bureau Of Land Management (Proposed location and access roads leading to).

12. **OTHER ADDITIONAL INFORMATION**

The Archaeological Resource Survey and Paleontological Resource Survey for this area are attached. MOAC Report #06-175. Paleontological Resource Survey prepared by, Wade E. Miller, 4/26/06. See attached report cover pages, Exhibit "D".

Newfield Production Company requests 4,530' of disturbed area be granted in Lease UTU-74392 to allow for construction of the planned access road. **Refer to Topographic Map "B"**. For the planned access road a temporary width of 60' will be needed for construction purposes with a permanent width of 30' and a running surface of 18'. The construction phase of the planned access road will last approximately (5) days. The planned access road will be an 18' crown road (9' either side of the centerline) with drainage ditches along either side of the proposed road whether it is deemed necessary in order to handle any run-off from normal meteorological conditions that are prevalent to this area. The maximum grade will be less than 8%. There will be no culverts required along this access road. There will be barrow ditches and turnouts as needed along this road. There are no fences encountered along this proposed road. There will be no new gates or cattle guards required. All construction material for this access road will be borrowed material accumulated during construction of the access road.

Newfield Production Company requests 5,440' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed gas lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a 6" gas gathering line, and a 3" poly fuel gas line and 30' wide upon completion of the proposed gas lines. Both lines will tie in to the existing pipeline infrastructure. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Newfield Production Company requests 5,440' of disturbed area be granted in Lease UTU-74392 to allow for construction of the proposed water lines. It is proposed that the disturbed area will temporarily be 50' wide to allow for construction of a buried 3" steel water injection line and a buried 3" poly water return line and 30' wide upon completion of the proposed water lines. **Refer to Topographic Map "C."** For a ROW plan of development, please refer to the Monument Butte Field SOP.

Water Disposal

Immediately upon first production, all produced water will be confined to a steel storage tank. If the production water meets quality guidelines, it is transported to the Ashley, Monument Butte, Jonah, and Beluga water injection facilities by company or contract trucks. Subsequently, the produced water is injected into approved Class II wells to enhance Newfield's secondary recovery project.

Water not meeting quality criteria, is disposed at Newfield's Pariette #4 disposal well (Sec. 7, T9S R19E) or at State of Utah approved surface disposal facilities.

Threatened, Endangered, And Other Sensitive Species

None for the proposed Federal 1-27-9-16.

Reserve Pit Liner

A 12 mil liner with felt is required. Please refer to the Monument Butte Field SOP.

Location and Reserve Pit Reclamation

Please refer to the Monument Butte Field SOP.

The following seed mixture will be used on the topsoil stockpile, to the recontoured surface of the reserve pit, and for final reclamation: (All poundages are in pure live seed)

Western Wheatgrass	<i>Pascopyrum Smithii</i>	6 lbs/acre
Galletta Grass	<i>Hilaria Jamesii</i>	6 lbs/acre

Details of the On-Site Inspection

The proposed Federal #1-27-9-16 was on-sited on 7/28/06. The following were present; Shon Mckinnon (Newfield Production), Chris Carusona (Bureau of Land Management), and Brandon McDonald (Bureau of Land Management). Weather conditions were clear and ground cover was 100% open.

13. LESSEE'S OR OPERATORS REPRESENTATIVE AND CERTIFICATION

Representative

Name: Shon Mckinnon
Address: Route #3 Box 3630
Myton, UT 84052
Telephone: (435) 646-3721

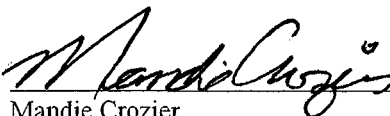
Certification

Please be advised that NEWFIELD PRODUCTION COMPANY is considered to be the operator of well #1-27-9-16 NE/NE Section 27, Township 9S, Range 16E: Lease UTU-74392 Duchesne County, Utah: and is responsible under the terms and conditions of the lease for the operations conducted upon the leased lands. Bond coverage is provided by US Specialty Insurance #B001832.

I hereby certify that the proposed drill site and access route have been inspected, and I am familiar with the conditions which currently exist; that the statements made in this plan are true and correct to the best of my knowledge; and that the work associated with the operations proposed here will be performed by Newfield Production Company and its contractors and subcontractors in conformity with this plan and the terms and conditions under which it is approved. This statement is subject to the provisions of 18 U.S.C. 1001 for the filing of a false statement.

9/25/06

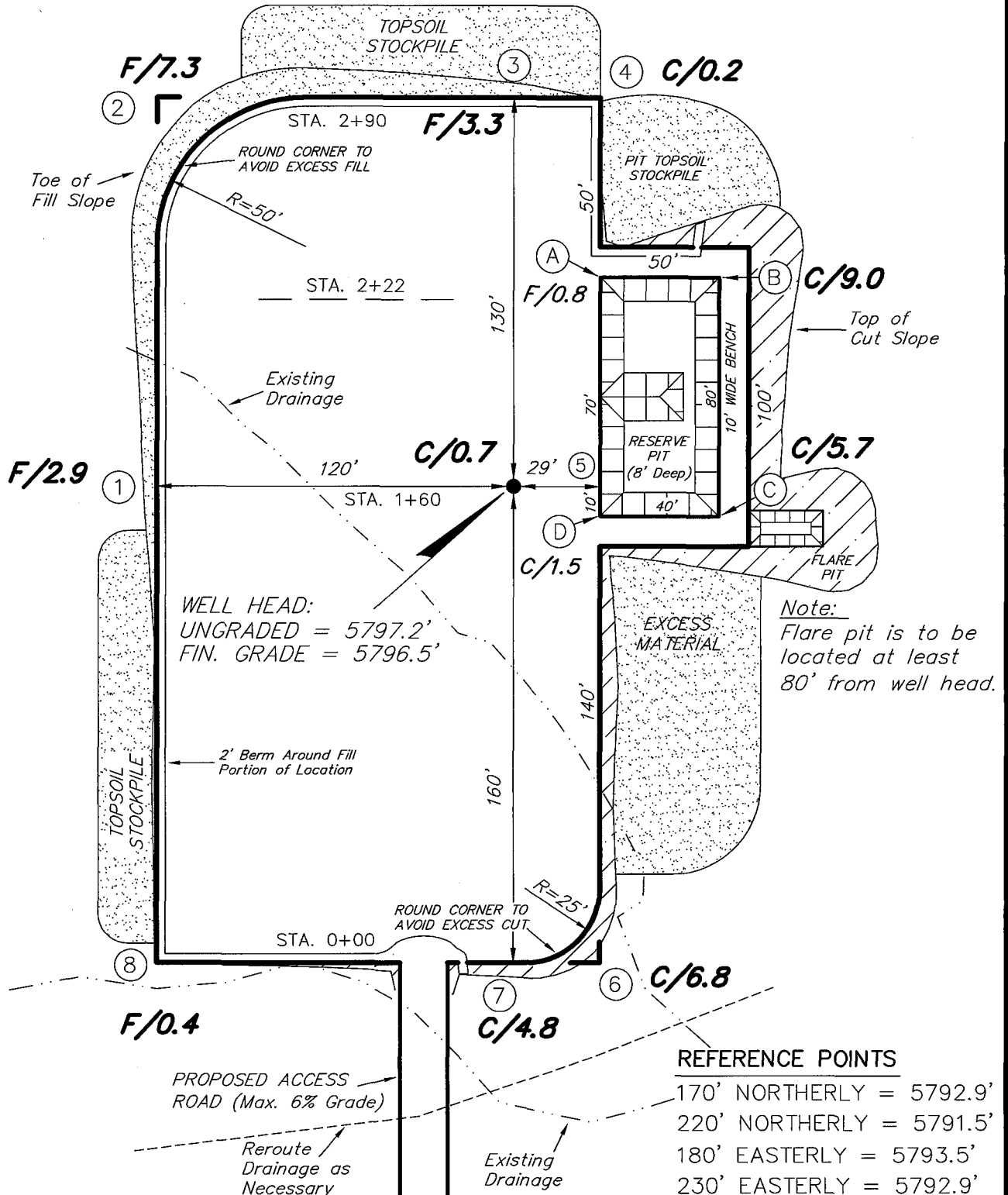
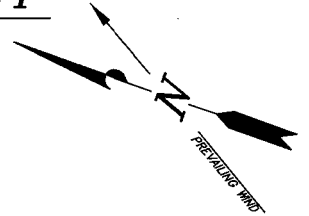
Date


Mandie Crozier
Regulatory Specialist
Newfield Production Company

NEWFIELD PRODUCTION COMPANY

9 MILE 1-27-9-16

Section 27, T9S, R16E, S.L.B.&M.



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 07-11-06

Tri State
Land Surveying, Inc.

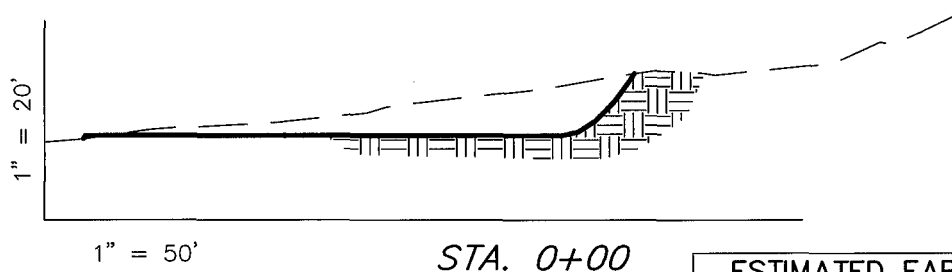
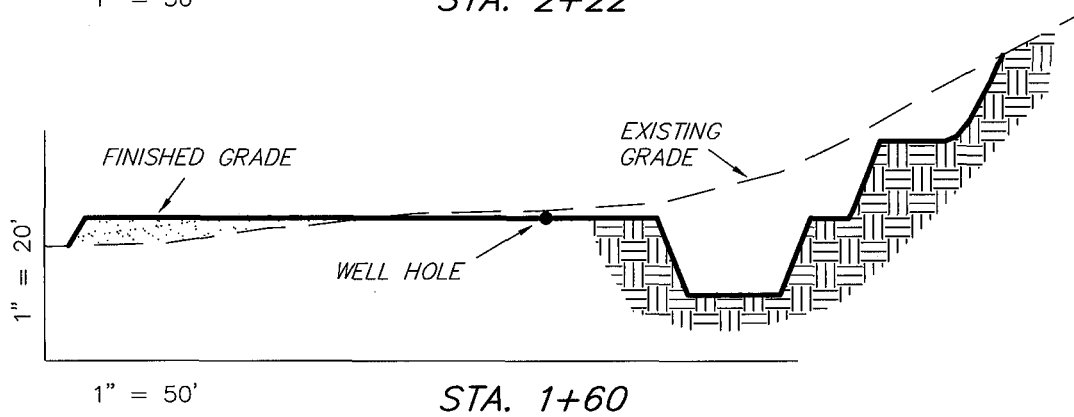
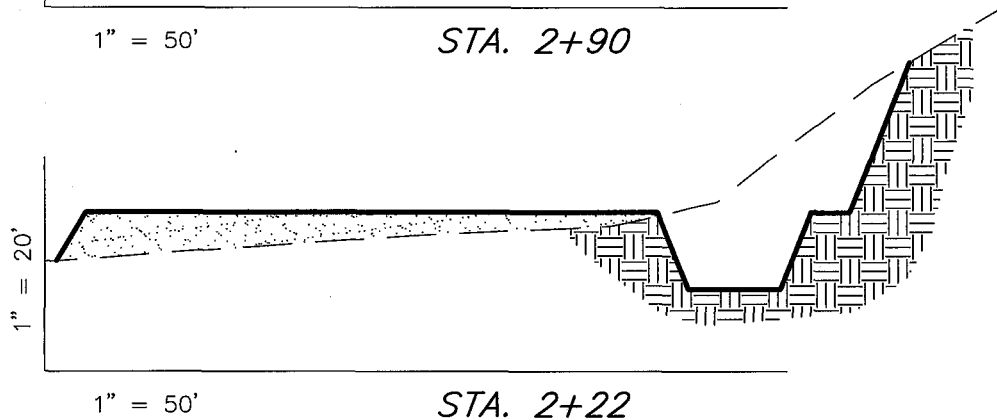
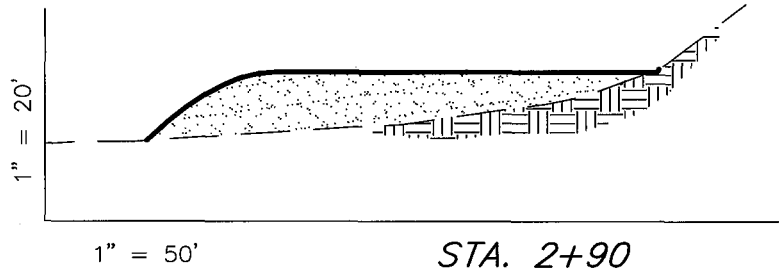
(435) 781-2501

180 NORTH VERNAL AVE. VERNAL, UTAH 84078

NEWFIELD PRODUCTION COMPANY

CROSS SECTIONS

9 MILE 1-27-9-16



NOTE:
UNLESS OTHERWISE NOTED
CUT SLOPES ARE AT 1:1
FILL SLOPES ARE AT 1.5:1

ESTIMATED EARTHWORK QUANTITIES
(No Shrink or swell adjustments have been used)
(Expressed in Cubic Yards)

ITEM	CUT	FILL	6" TOPSOIL	EXCESS
PAD	2,780	2,780	Topsoil is not included in Pad Cut	0
PIT	640	0		640
TOTALS	3,420	2,780	1,010	640

SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

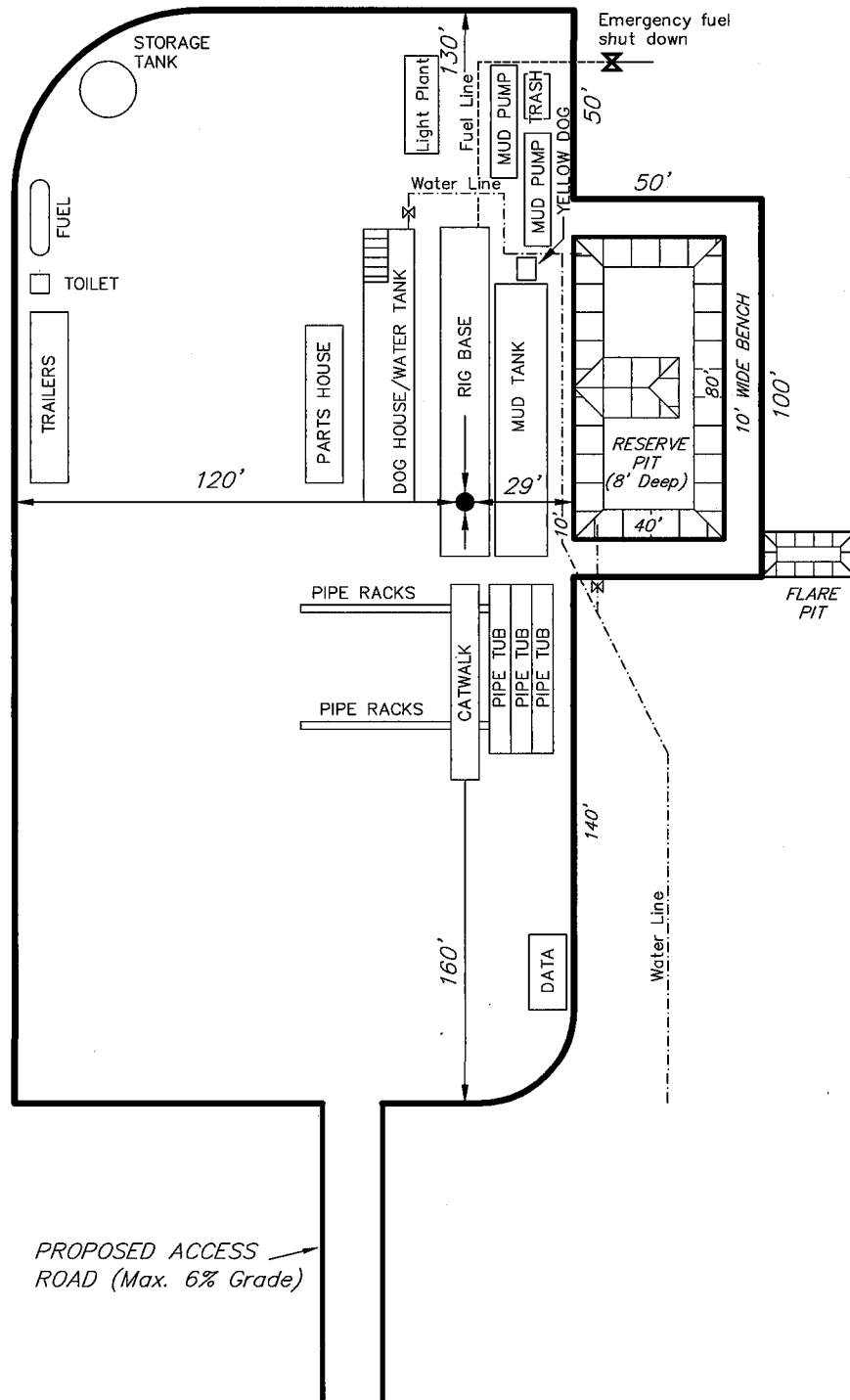
DATE: 07-11-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

NEWFIELD PRODUCTION COMPANY

TYPICAL RIG LAYOUT

9 MILE 1-27-9-16



SURVEYED BY: C.M.

SCALE: 1" = 50'

DRAWN BY: F.T.M.

DATE: 07-11-06

Tri State
Land Surveying, Inc.
180 NORTH VERNAL AVE. VERNAL, UTAH 84078
(435) 781-2501

Newfield Production Company

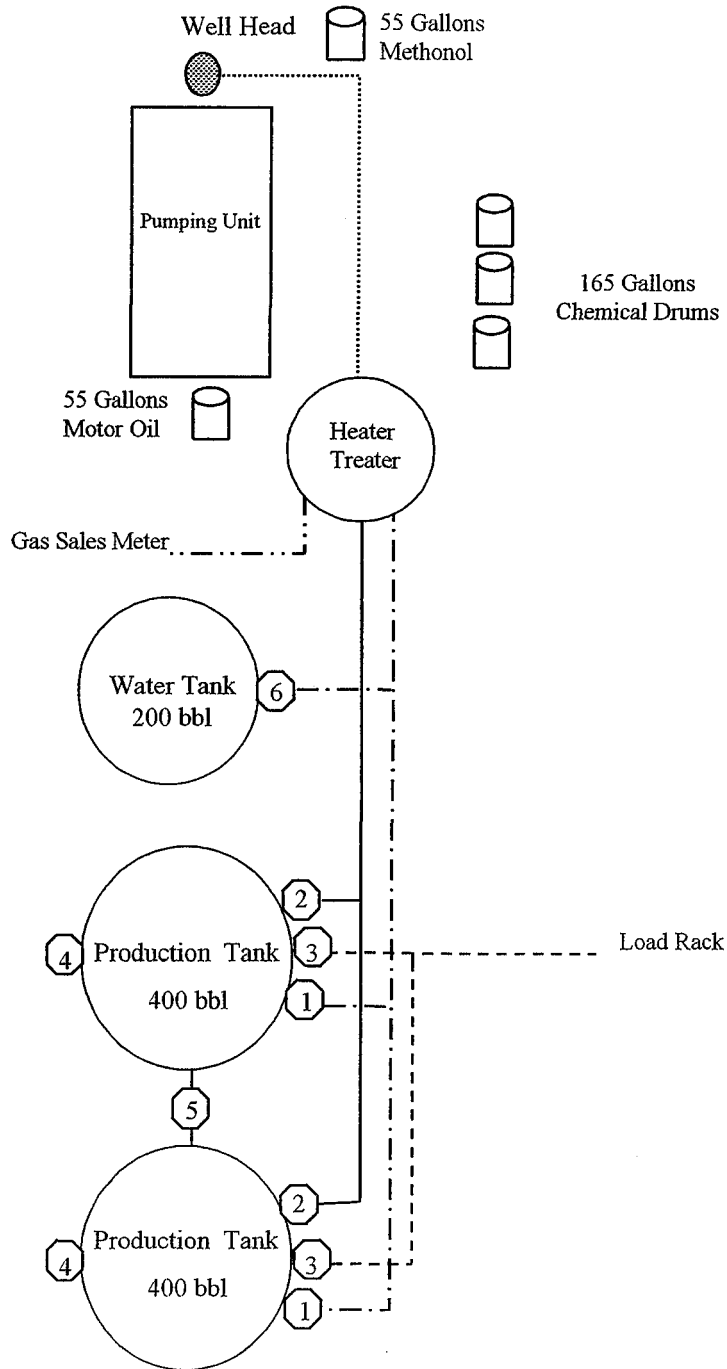
Proposed Site Facility Diagram

Federal 1-27-9-16

NE/NE Sec. 27, T9S, R16E

Duchesne County, Utah

UTU-74392



Legend

Emulsion Line
Load Rack	-----
Water Line	-.-.-.-.
Gas Sales
Oil Line	————

Production Phase:

- 1) Valves 1, 3, and 4 sealed closed
- 2) Valves 2, 5, and 6 sealed open

Sales Phase:

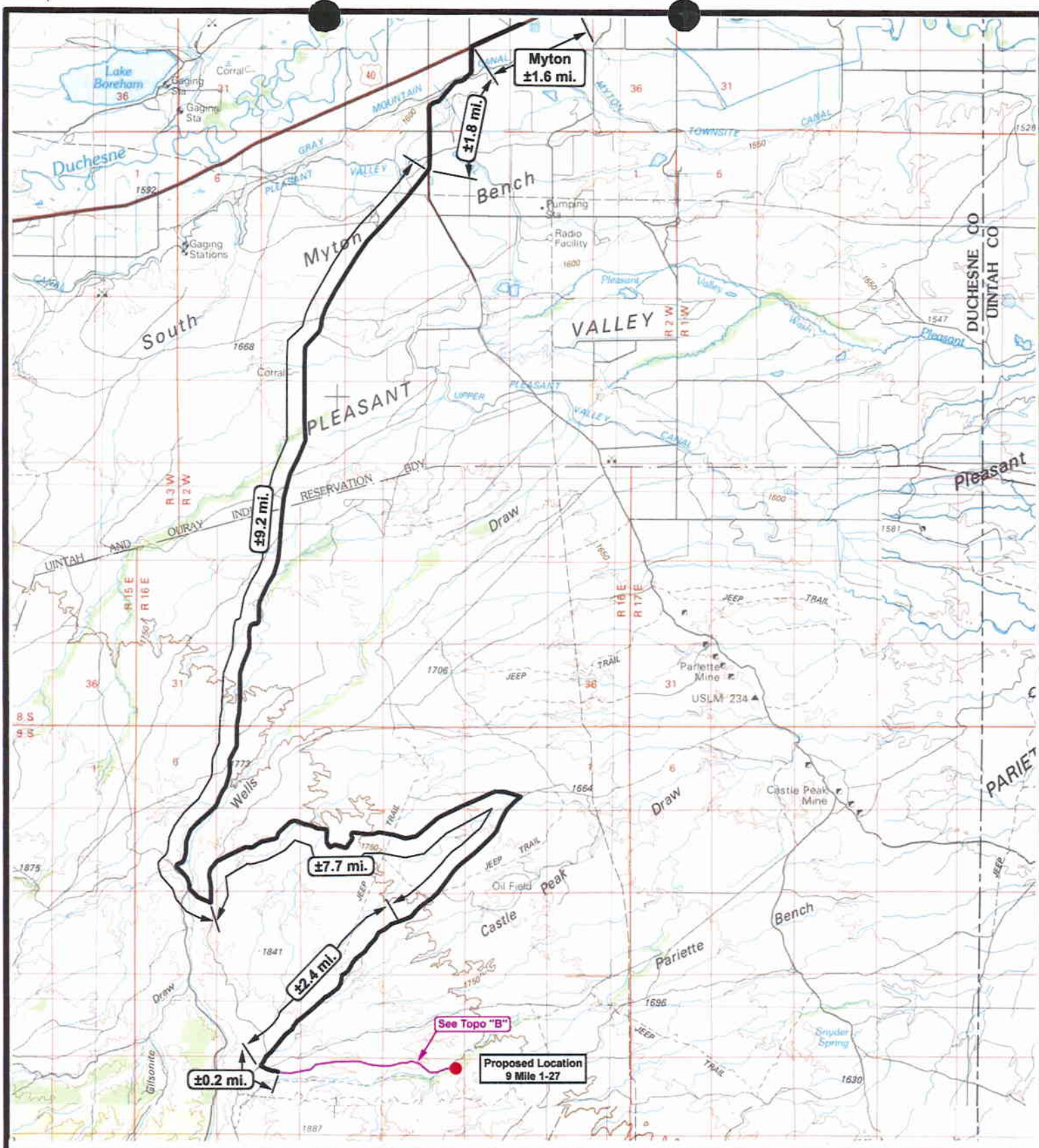
- 1) Valves 1, 2, 4, 5, and 6 sealed closed
- 2) Valve 3 open

Draining Phase:

- 1) Valves 1 and 6 open

Diked Section





NEWFIELD
Exploration Company

9 Mile 1-27-9-16
SEC. 27, T9S, R16E, S.L.B.&M.



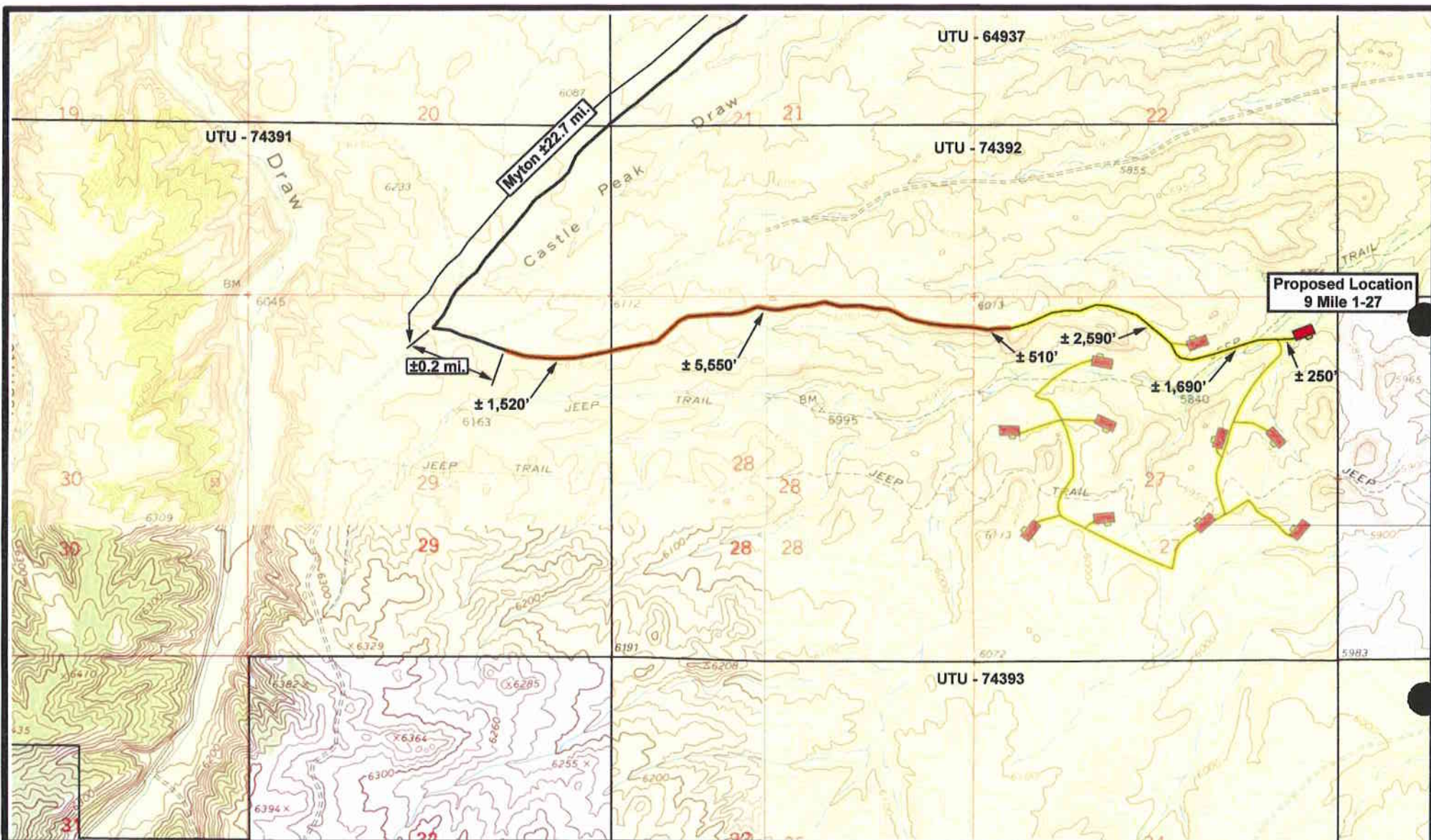
Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1 = 100,000
DRAWN BY: mw
DATE: 07-14-2006

Legend
Existing Road
Proposed Access

TOPOGRAPHIC MAP

"A"



NEWFIELD
Exploration Company

9 Mile 1-27-9-16
SEC. 27, T9S, R16E, S.L.B.&M.

Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'

DRAWN BY: mw

DATE: 07-14-2006

Legend

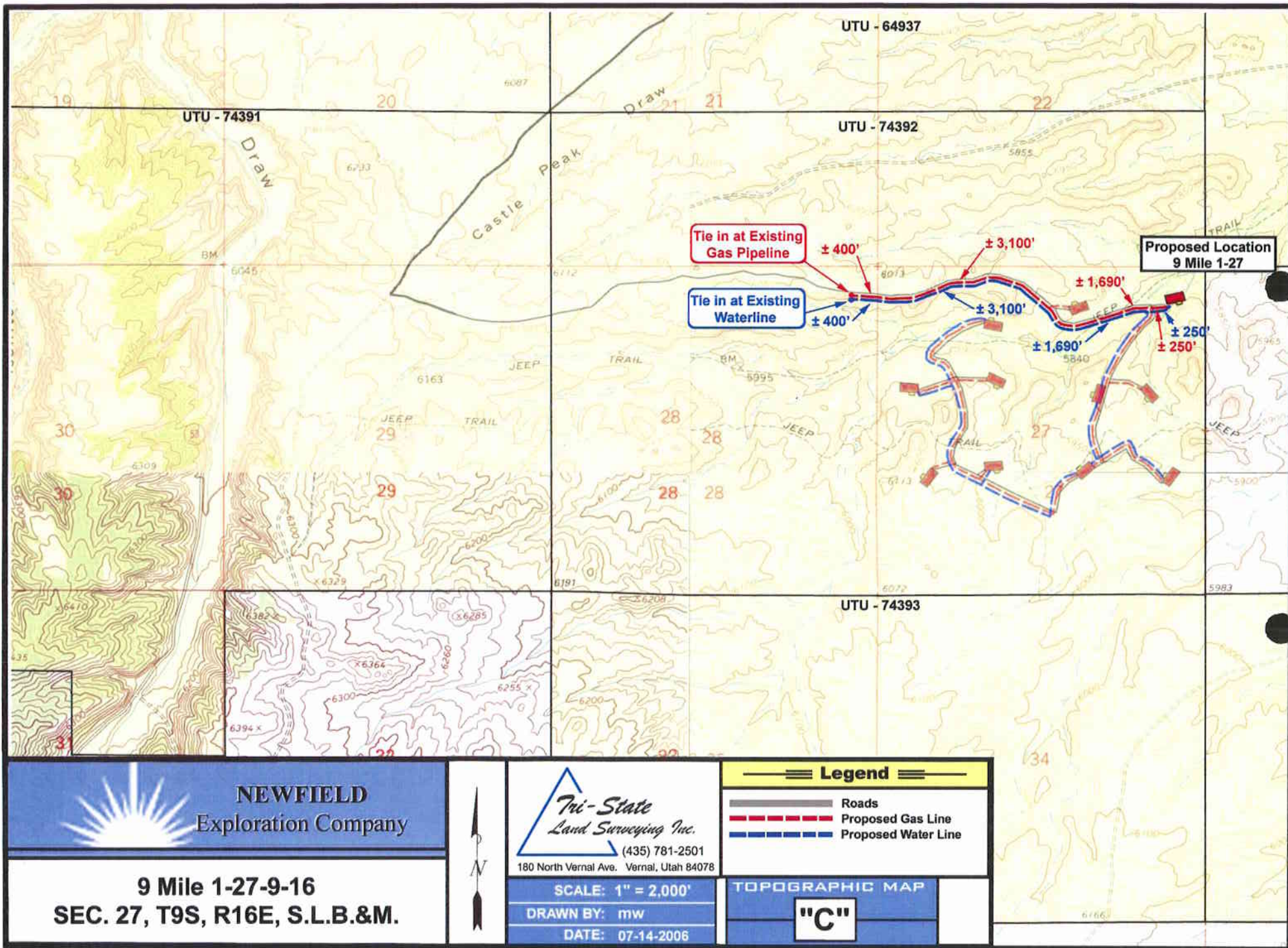
Existing Road

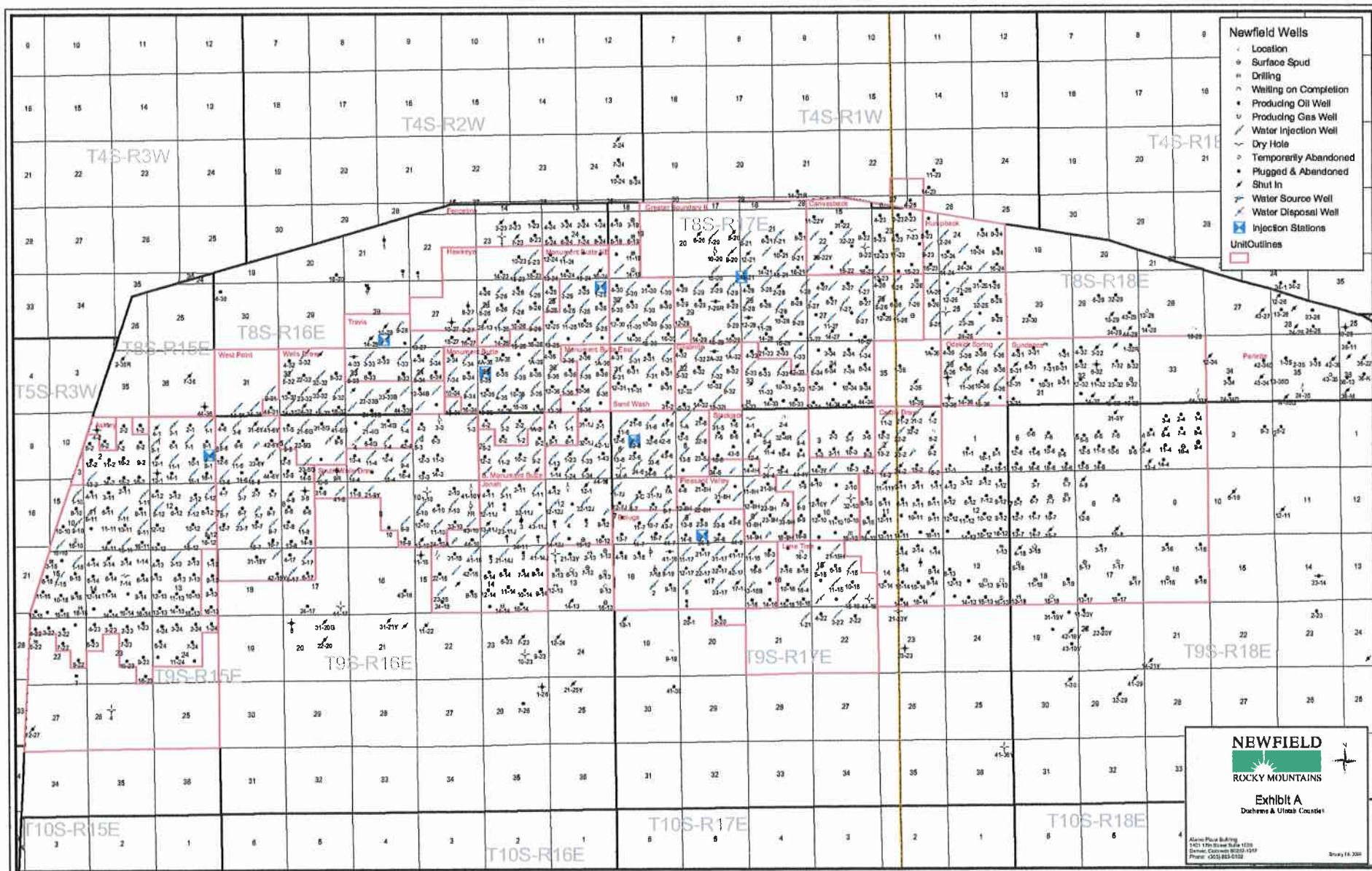
Proposed Access

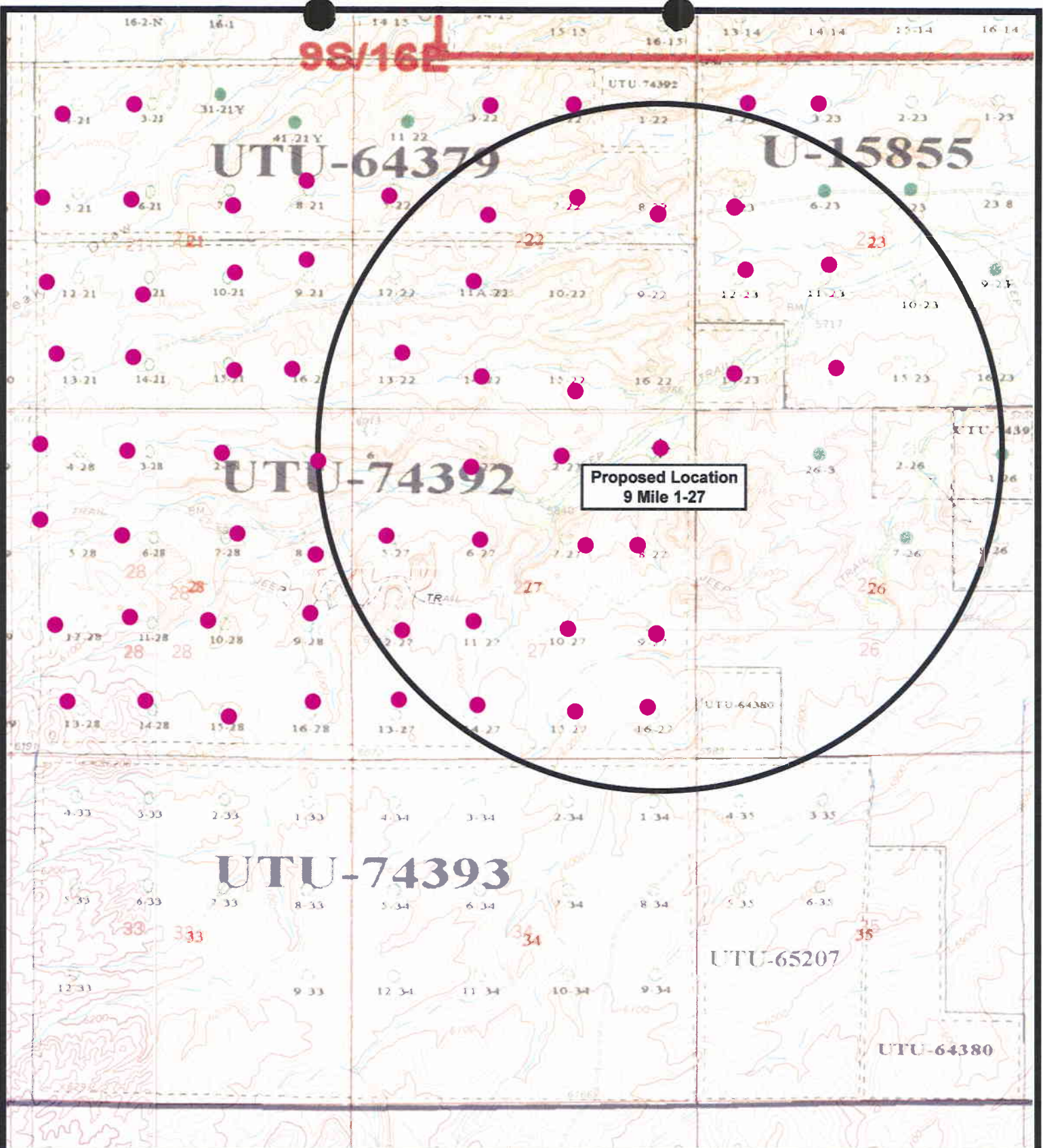
Existing Two-Track

TOPOGRAPHIC MAP

"B"







NEWFIELD
Exploration Company

9 Mile 1-27-9-16
SEC. 27, T9S, R16E, S.L.B.&M.



Tri-State
Land Surveying Inc.
(435) 781-2501
180 North Vernal Ave. Vernal, Utah 84078

SCALE: 1" = 2,000'
DRAWN BY: mw
DATE: 07-14-2006

Legend

- Location
- One-Mile Radius

Exhibit "B"

2-M SYSTEM

Blowout Prevention Equipment Systems

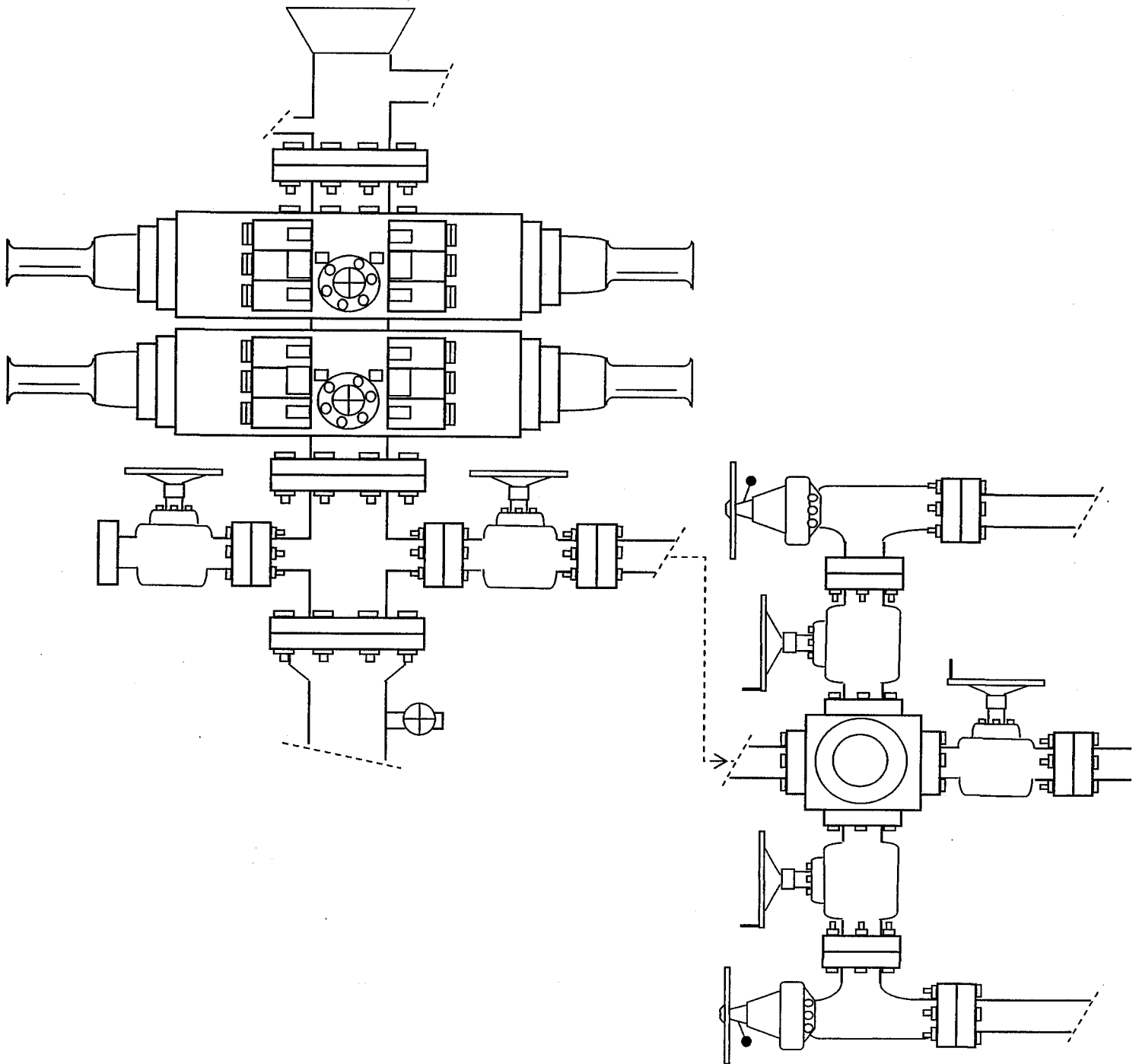


EXHIBIT C

Exhibit "D"

1 of 2

CULTURAL RESOURCE INVENTORY OF
NEWFIELD EXPLORATION'S BLOCK PARCEL
IN TOWNSHIP 9S, RANGE 16E, SECTIONS 27, 28, 29 AND 30
DUCHESNE COUNTY, UTAH

By:

Jenn Mueller

Prepared For:

Bureau of Land Management
Vernal Field Office

Prepared Under Contract With:

Newfield Exploration Company
Rt. 3 Box 3630
Myton, UT 84052

Prepared By:

Montgomery Archaeological Consultants, Inc.
P.O. Box 219
Moab, Utah 84532

MOAC Report No. 06-175

September 8, 2006

United States Department of Interior (FLPMA)
Permit No. 06-UT-60122

State of Utah Antiquities Project (Survey)
Permit No. U-06-MQ-1111b

2 of 2

NEWFIELD PRODUCTION COMPANY

**PALEONTOLOGICAL SURVEY OF PROPOSED
PRODUCTION DEVELOPMENT AREAS,
DUCHESNE AND UTAH COUNTIES, UTAH**

NE 1/4, NW 1/4, Section 33, T 9 S, R 18 E; Section 19, T 9 S, R 17 E [entire section excluding the NW 1/4, NW 1/4]; Section 27, T 9 S, R 16 E [entire section excluding the NW 1/4, NW 1/4], Section 28, T 9 S, R 16 E [entire section]; Section 29, T 9 S, R 16 E [entire section]; Section 30, T 9 S, R 16 E [entire section].

REPORT OF SURVEY

Prepared for:

Newfield Production Company

Prepared by:

Wade E. Miller
Consulting Paleontologist
April 26, 2006

WORKSHEET
APPLICATION FOR PERMIT TO DRILL

APD RECEIVED: 09/27/2006

API NO. ASSIGNED: 43-013-33350

WELL NAME: FEDERAL 1-27-9-16

OPERATOR: NEWFIELD PRODUCTION (N2695)

CONTACT: MANDIE CROZIER

PHONE NUMBER: 435-646-3721

PROPOSED LOCATION:

NENE 27 090S 160E

SURFACE: 0553 FNL 0503 FEL

BOTTOM: 0553 FNL 0503 FEL

COUNTY: DUCHESNE

LATITUDE: 40.00758 LONGITUDE: -110.0972

UTM SURF EASTINGS: 577059 NORTHINGS: 4428779

FIELD NAME: MONUMENT BUTTE (105)

INSPECT LOCATN BY: / /

Tech Review	Initials	Date
Engineering		
Geology		
Surface		

LEASE TYPE: 1 - Federal

LEASE NUMBER: UTU-74392

SURFACE OWNER: 1 - Federal

PROPOSED FORMATION: GRRV

COALBED METHANE WELL? NO

RECEIVED AND/OR REVIEWED:

☒ Plat
☒ Bond: Fed[1] Ind[] Sta[] Fee[]
(No. UTB000192)
☒ Potash (Y/N)
☒ Oil Shale 190-5 (B) or 190-3 or 190-13
☒ Water Permit
(No. MUNICIPAL)
☒ RDCC Review (Y/N)
(Date: _____)
☒ Fee Surf Agreement (Y/N)
☒ Intent to Commingle (Y/N)

LOCATION AND SITING:

____ R649-2-3.

Unit: _____

☒ R649-3-2. General

Siting: 460 From Qtr/Qtr & 920' Between Wells

____ R649-3-3. Exception

____ Drilling Unit

Board Cause No: _____

Eff Date: _____

Siting: _____

____ R649-3-11. Directional Drill

COMMENTS: _____

Sop, Separate file

STIPULATIONS: _____

*1- Federal Approved
2- Spacing Strip*

T9S R16E

CASTLE
PEAK U 6FEDERAL
2-27-9-16FEDERAL
1-27-9-16FEDERAL
3-27-9-16

MONUMENT BUTTE FIELD

FEDERAL
5-27-9-16FEDERAL
6-27-9-16FEDERAL
7-27-9-16FEDERAL
8-27-9-16

27

FEDERAL
4-34-9-16

OPERATOR: NEWFIELD PROD CO (N2695)

SEC: 27 T.9S R. 16E

FIELD: MONUMENT BUTTE (105)

COUNTY: DUCHESNE

SPACING: R649-3-2 / GENERAL SITING

Field Status

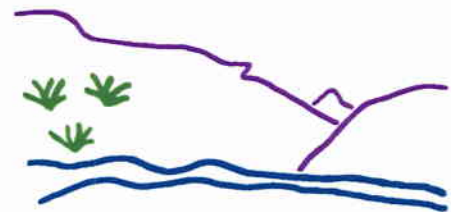
- ABANDONED
- ACTIVE
- COMBINED
- INACTIVE
- PROPOSED
- STORAGE
- TERMINATED

Unit Status

- EXPLORATORY
- GAS STORAGE
- NF PP OIL
- NF SECONDARY
- PENDING
- PI OIL
- PP GAS
- PP GEOTHERML
- PP OIL
- SECONDARY
- TERMINATED

Wells Status

- GAS INJECTION
- GAS STORAGE
- LOCATION ABANDONED
- NEW LOCATION
- PLUGGED & ABANDONED
- PRODUCING GAS
- PRODUCING OIL
- SHUT-IN GAS
- SHUT-IN OIL
- TEMP. ABANDONED
- TEST WELL
- WATER INJECTION
- WATER SUPPLY
- WATER DISPOSAL
- DRILLING



Utah Oil Gas and Mining



PREPARED BY: DIANA WHITNEY
DATE: 27-SEPTEMBER-2006



State of Utah

**Department of
Natural Resources**

MICHAEL R. STYLER
Executive Director

**Division of
Oil, Gas & Mining**

JOHN R. BAZA
Division Director

JON M. HUNTSMAN, JR.
Governor

GARY R. HERBERT
Lieutenant Governor

September 27, 2006

Newfield Production Company
Rt. #3, Box 3630
Myton, UT 84052

Re: Federal 1-27-9-16 Well, 553' FNL, 503' FEL, NE NE, Sec. 27, T. 9 South,
16 East, Duchesne County, Utah

Gentlemen:

Pursuant to the provisions and requirements of Utah Code Ann. § 40-6-1 *et seq.*, Utah Administrative Code R649-3-1 *et seq.*, and the attached Conditions of Approval, approval to drill the referenced well is granted.

This approval shall expire one year from the above date unless substantial and continuous operation is underway, or a request for extension is made prior to the expiration date. The API identification number assigned to this well is 43-013-33350.

Sincerely,

Gil Hunt
Associate Director

pab
Enclosures

cc: Duchesne County Assessor
Bureau of Land Management, Vernal District Office

Operator: Newfield Production Company
Well Name & Number Federal 1-27-9-16
API Number: 43-013-33350
Lease: UTU-74392

Location: NE NE Sec. 27 T. 9 South R. 16 East

Conditions of Approval

1. General

Compliance with the requirements of Utah Admin. R. 649-1 *et seq.*, the Oil and Gas Conservation General Rules, and the applicable terms and provisions of the approved Application for permit to drill.

2. Notification Requirements

Notify the Division within 24 hours of spudding the well.

- Contact Carol Daniels at (801) 538-5284.

Notify the Division prior to commencing operations to plug and abandon the well.

- Contact Dan Jarvis at (801) 538-5338

3. Reporting Requirements

All required reports, forms and submittals will be promptly filed with the Division, including but not limited to the Entity Action Form (Form 6), Report of Water Encountered During Drilling (Form 7), Weekly Progress Reports for drilling and completion operations, and Sundry Notices and Reports on Wells requesting approval of change of plans or other operational actions.

4. State approval of this well does not supersede the required federal approval, which must be obtained prior to drilling.

5. This proposed well is located in an area for which drilling units (well spacing patterns) have not been established through an order of the Board of Oil, Gas and Mining (the "Board"). In order to avoid the possibility of waste or injury to correlative rights, the operator is requested, once the well has been drilled, completed, and has produced, to analyze geological and engineering data generated therefrom, as well as any similar data from surrounding areas if available. As soon as is practicable after completion of its analysis, and if the analysis suggests an area larger than the quarter-quarter section upon which the well is located is being drained, the operator is requested to seek an appropriate order from the Board establishing drilling and spacing units in conformance with such analysis by filing a Request for Agency Action with the Board.

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
Budget Bureau No. 1004-0135
Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

SUBMIT IN TRIPLICATE

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

553 FNL 503 FEL NE/NE Section 27, T9S R16E

5. Lease Designation and Serial No.

UTU-74392

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 1-27-9-16

9. API Well No.

43-013-33350

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

12. **CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA**

TYPE OF SUBMISSION

☒ Notice of Intent
☐ Subsequent Report
☐ Final Abandonment Notice

TYPE OF ACTION

☐ Abandonment
☐ Recompletion
☐ Plugging Back
☐ Casing Repair
☐ Altering Casing
☒ Other **Permit Extension**

☐ Change of Plans
☐ New Construction
☐ Non-Routine Fracturing
☐ Water Shut-Off
☐ Conversion to Injection
☐ Dispose Water

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

13. Describe Proposed or Completed Operations (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)*

Newfield Production Company requests to extend the Permit to Drill this well for one year. The original approval date was 9/27/06 (expiration 9/27/07).

This APD has not been approved yet by the BLM.

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 10-10-07

By: [Signature]

RECEIVED

OCT 09 2007

DIV. OF OIL, GAS & MINING

14. I hereby certify that the foregoing is true and correct

Signed [Signature] Title Regulatory Specialist Date 10/4/2007
Mandie Crozier

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by _____ Title _____ Date _____

Conditions of approval, if any:

CC: Utah DOGM

Title 18 U.S.C. Section 1001, makes it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33350
Well Name: Federal 1-27-9-16
Location: NE/NE Section 27, T9S R16E
Company Permit Issued to: Newfield Production Company
Date Original Permit Issued: 9/27/2006

The undersigned as owner with legal rights to drill on the property as permitted above, hereby verifies that the information as submitted in the previously approved application to drill, remains valid and does not require revision.

Following is a checklist of some items related to the application, which should be verified.

If located on private land, has the ownership changed, if so, has the surface agreement been updated? Yes ☒ No ☐

Have any wells been drilled in the vicinity of the proposed well which would affect the spacing or siting requirements for this location? Yes ☐ No ☒

Has there been any unit or other agreements put in place that could affect the permitting or operation of this proposed well? Yes ☐ No ☒

Have there been any changes to the access route including ownership, or right-of-way, which could affect the proposed location? Yes ☐ No ☒

Has the approved source of water for drilling changed? Yes ☐ No ☒

Have there been any physical changes to the surface location or access route which will require a change in plans from what was discussed at the onsite evaluation? Yes ☐ No ☒

Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

10/4/2007

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

(June 1990)

DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED

Budget Bureau No. 1004-0135

Expires: March 31, 1993

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill or to deepen or reentry a different reservoir.
Use "APPLICATION FOR PERMIT -" for such proposals

5. Lease Designation and Serial No.

UTU-74392

6. If Indian, Allottee or Tribe Name

NA

7. If Unit or CA, Agreement Designation

N/A

8. Well Name and No.

FEDERAL 1-27-9-16

9. API Well No.

43-013-33350

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE COUNTY, UT.

SUBMIT IN TRIPLICATE

1. Type of Well

Oil
WellGas
Well

Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3. Address and Telephone No.

Rt. 3 Box 3630, Myton Utah, 84052 435-646-3721

4. Location of Well (Footage, Sec., T., R., m., or Survey Description)

553 FNL 503 FEL

NE/NE Section 27, T9S R16E

12. CHECK APPROPRIATE BOX(s) TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION



Notice of Intent



Subsequent Report



Final Abandonment Notice

TYPE OF ACTION



Abandonment



Recompletion



Plugging Back



Casing Repair



Altering Casing



Other

Permit Extension



Change of Plans



New Construction



Non-Routine Fracturing



Water Shut-Off



Conversion to Injection



Dispose Water

(Note: Report results of multiple completion on Well
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This APD has not yet been approved by the BLM.

RECEIVED

AUG 28 2008

DIV. OF OIL, GAS & MINING

Approved by the
Utah Division of
Oil, Gas and Mining

Date: 09-02-08

By: [Signature]

COPY SENT TO OPERATOR

Date: 9.3.2008

Initials: KS

14. I hereby certify that the foregoing is true and correct

Signed

[Signature]
Mandie Crozier

Title

Regulatory Specialist

Date

8/27/2008

CC: UTAH DOGM

(This space for Federal or State office use)

Approved by

Title

Date

Conditions of approval, if any:

CC: Utah DOGM

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or fraudulent statements or representations as to any matter within its jurisdiction.

**Application for Permit to Drill
Request for Permit Extension
Validation**

(this form should accompany the Sundry Notice requesting permit extension)

API: 43-013-33350
Well Name: Federal 1-27-9-16
Location: NE/NE Section 27,T9S R16E
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Date Original Permit Issued: 9/27/2006

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Is bonding still in place, which covers this proposed well? Yes ☒ No ☐


Signature

8/27/2008

Date

Title: Regulatory Specialist

Representing: Newfield Production Company

RECEIVED

SEP 27 2006

BLM VERNAL, UTAH

Form 3160-3
(September 2001)UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

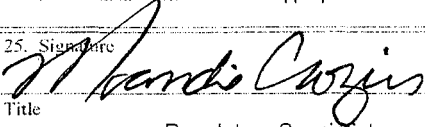
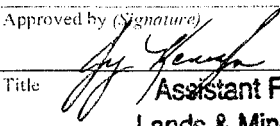
APPLICATION FOR PERMIT TO DRILL OR REENTER

FORM APPROVED
OMB No. 1004-0136
Expires January 31, 2004

1a. Type of Work: <input checked="" type="checkbox"/> DRILL <input type="checkbox"/> REENTER		5. Lease Serial No. UTU-74392
1b. Type of Well: <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Other <input checked="" type="checkbox"/> Single Zone <input type="checkbox"/> Multiple Zone		6. If Indian, Allottee or Tribe Name N/A
2. Name of Operator Newfield Production Company		7. If Unit or CA Agreement, Name and No. N/A
3a. Address Route #3 Box 3630, Myton UT 84052	3b. Phone No. (include area code) (435) 646-3721	8. Lease Name and Well No. Federal 1-27-9-16
4. Location of Well (Report location clearly and in accordance with any State requirements. *) At surface NE/NE 553' FNL 503' FEL At proposed prod. zone		9. API Well No. 43 013 33350
14. Distance in miles and direction from nearest town or post office* Approximately 25.2 miles south of Myton, Utah		10. Field and Pool, or Exploratory Monument Butte
15. Distance from proposed* location to nearest property or lease line, ft. (Also to nearest drig. unit line, if any) Approx. 503' f/lse, NA f/unit	16. No. of Acres in lease 2080.00	11. Sec., T., R., M., or Blk. and Survey or Area NE/NE Sec. 27, T9S R16E
18. Distance from proposed location* to nearest well, drilling, completed, applied for, on this lease, ft. Approx. 1649'	19. Proposed Depth 5840'	12. County or Parish Duchesne
21. Elevations (Show whether DF, KDB, RT, GL, etc.) 5797' GL	22. Approximate date work will start* 1st Quarter 2007	13. State UT
23. Estimated duration Approximately seven (7) days from spud to rig release.		
24. Attachments		

The following, completed in accordance with the requirements of Onshore Oil and Gas Order No.1, shall be attached to this form:

- Well plat certified by a registered surveyor.
- A Drilling Plan.
- A Surface Use Plan (if the location is on National Forest System Lands, the SUPO shall be filed with the appropriate Forest Service Office).
- Bond to cover the operations unless covered by an existing bond on file (see Item 20 above).
- Operator certification.
- Such other site specific information and/or plans as may be required by the authorized officer.

25. Signature 	Name (Printed/Typed) Mandie Crozier	Date 9/25/06
Title Regulatory Specialist		
Approved by (Signature) 	Name (Printed/Typed) J. Kenzka	Date SEP 12 2008
Title Assistant Field Manager Lands & Mineral Resources	Office VERNAL FIELD OFFICE	

Application approval does not warrant or certify the the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Conditions of approval, if any, are attached.

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

*(Instructions on reverse)

NOTICE OF APPROVAL

CONDITIONS OF APPROVAL ATTACHED

SEP 23 2008

DIV. OF OIL, GAS & MINING

07PP0928A

No NOS

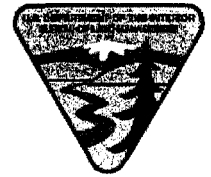


UNITED STATES DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT
VERNAL FIELD OFFICE

170 South 500 East

VERNAL, UT 84078

(435) 781-4400



CONDITIONS OF APPROVAL FOR APPLICATION FOR PERMIT TO DRILL

Company: Newfield Production Company
Well No: Federal 1-27-9-16
API No: 43-013-33350

Location: NENE, Sec 27, T9S, R16E
Lease No: UTU-74392
Agreement: N/A

Title	Name	Office Phone Number	Cell Phone Number
Petroleum Engineer:	Matt Baker	(435) 781-4490	(435) 828-4470
Petroleum Engineer:	Michael Lee	(435) 781-4432	(435) 828-7875
Petroleum Engineer:	James Ashley	(435) 781-4470	(435) 828-7874
Petroleum Engineer:	Ryan Angus	(435) 781-4430	(435) 828-7368
Supervisory Petroleum Technician:	Jamie Sparger	(435) 781-4502	(435) 828-3913
Supervisory NRS:	Karl Wright	(435) 781-4484	
NRS/Enviro Scientist:	Holly Villa	(435) 781-4404	(435) 828-3544
NRS/Enviro Scientist:	James Hereford	(435) 781-3412	(435) 828-3546
NRS/Enviro Scientist:	Chuck Macdonald	(435) 781-4441	(435) 828-7481
NRS/Enviro Scientist:	Dan Emmett	(435) 781-3414	(435) 828-4029
NRS/Enviro Scientist:	Paul Percival	(435) 781-4493	(435) 828-7381
NRS/Enviro Scientist:	Anna Figueroa	(435) 781-3407	(435) 828-3548
NRS/Enviro Scientist:	Verlyn Pindell	(435) 781-3402	(435) 828-3547
NRS/Enviro Scientist:	Nathan Packer	(435) 781-3405	(435) 828-3545

Fax: (435) 781-3420

**A COPY OF THESE CONDITIONS SHALL BE FURNISHED TO YOUR
FIELD REPRESENTATIVE TO INSURE COMPLIANCE**

All lease and/or unit operations are to be conducted in such a manner that full compliance is made with the applicable laws, regulations (43 CFR Part 3160), and this approved Application for Permit to Drill including Surface and Downhole Conditions of Approval. The operator is considered fully responsible for the actions of his subcontractors. A copy of the approved APD must be on location during construction, drilling, and completion operations. **This permit is approved for a two (2) year period, or until lease expiration, whichever occurs first. An additional extension, up to two (2) years, may be applied for by sundry notice prior to expiration.**

NOTIFICATION REQUIREMENTS

Location Construction (Notify NRS/Enviro Scientist)	-	Forty-Eight (48) hours prior to construction of location and access roads.
Location Completion (Notify NRS/Enviro Scientist)	-	Prior to moving on the drilling rig.
Spud Notice (Notify Petroleum Engineer)	-	Twenty-Four (24) hours prior to spudding the well.
Casing String & Cementing (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to running casing and cementing all casing strings
BOP & Related Equipment Tests (Notify Supervisory Petroleum Technician)	-	Twenty-Four (24) hours prior to initiating pressure tests
First Production Notice (Notify Petroleum Engineer)	-	Within Five (5) business days after new well begins or production resumes after well has been off production for more than ninety (90) days

SURFACE USE PROGRAM
CONDITIONS OF APPROVAL (COAs)

General Surface COAs

- If there is an active Gilsonite mining operation within 2 miles of the well location, operator shall notify the Gilsonite operator at least 48 hours prior to any blasting during construction.
- If paleontological materials are uncovered during construction, the operator is to immediately stop work and contact the Authorized Officer (AO). A determination will be made by the AO as to what mitigation may be necessary for the discovered paleontologic material before construction can continue.

Specific Surface COAs

Lease Notices from RMP:

- The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- The lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Lease Notices from RMP:

- The lessee/operator is given notice the area has been identified as containing Golden Eagle habitat. Modifications may be required in the Surface Use Plan to protect the Golden Eagle and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.
- The lessee/operator is given notice the area has been identified as containing Ferruginous Hawk habitat. Modifications may be required in the Surface Use Plan to protect the Ferruginous Hawk and/or its habitat from surface disturbing activities in accordance with Section 6 of the lease terms, Endangered Species Act, and 43 CFR 3101.1-2.

Comments: none.

Follow-up Actions and/or Recommendations:

Please be aware that this Special Status Species wildlife clearance is effective for 1 year from the onsite date. Any proposals submitted after the date of this report (onsite) should require additional surveys and clearances.

Based on the previous field exam and existing data, it is my opinion that a no effect situation exists for Special Status Wildlife Species with the construction and drilling of this proposed drill site. Therefore, this site is cleared from a Special Status Wildlife Species perspective.

CONDITIONS OF APPROVAL:

- All traffic related to this action will be restricted to approved routes. Cross-country vehicle travel will not be allowed.
- All pipelines (surface and buried) will be laid within one 50' wide construction ROW, on one side of the road, and will reduce down to a 30' wide permanent ROW on lease.
- A temporary road ROW will not be granted. The road ROW will be 30 foot for construction and will reduce to an 18 foot running surface.
- The access road will be crowned and ditched. Flat-bladed roads are not allowed. All roads will have an 18', crowned (2 to 3% minimum), running surface. All roads will have drainage ditches along both sides of road.
- No vehicle travel, construction or routine maintenance activities shall be performed during periods when the soil is too wet to adequately support vehicles and/or construction equipment. If such equipment creates ruts in excess of three inches deep, the soil shall be deemed too wet to adequately support construction equipment.
- If additional erosion occurs during the life of this project, more culverts, low water crossings, berms, wing ditches or etc. will be needed to control the erosion.
- Low-water crossings will be appropriately constructed to avoid sedimentation of drainage ways and other water resources.
- Pipelines will be buried at all major drainage crossings.
- Prevent fill and stock piles from entering drainages.
- To insure impermeability, the reserve pit will be lined with a 16 ml or greater liner and felt prior to spudding.
- The liner is to be cut 5 feet below ground surface or at the level of the cuttings, whichever is deeper, and the excess liner material is to be disposed of at an authorized disposal site.
- When the reserve pit contains fluids or toxic substances, the operator must ensure animals do not ingest or become entrapped in pit fluids.
- Any hydrocarbons in the reserve pit will be removed immediately upon well completion; in accordance with 43 CFR 3162.7-1. Pits must be free of oil and other liquid and solid wastes prior to filling.
- Monument Butte SOP, Section 9.2 - Pit Fencing Minimum Standards - will be strictly adhered to. To include 9.2.2.3 - Corner posts will be cemented and/or braced in such a manner as to keep fence tight at all times.
- If Uinta Basin hookless cactus or other special status plants are found, construction will cease and the AO will be notified to determine the appropriate mitigation.
- Within 90 calendar days of the approval date for this Application for Permit to Drill (APD), the operator/lessee shall submit to the Authorized Officer (AO), on Sundry Notice Form 3160-5, a detailed Interim and Final Surface Reclamation Plan for surface disturbance on well pads, access roads, and pipelines. If Reclamation Plan is acceptable, the AO will provide written approval or concurrence within 30 calendar days of receipt.

Interim Reclamation:

The topsoil from the reserve pit shall be stripped and piled separately near the reserve pit. When the reserve pit is closed, it shall be recontoured and the topsoil respread, and the area shall be seeded using a rangeland drill. Seeding depth as per AO, or seed distributor. If portions of the site are too steep (>40%), or rocky, that portion may be broadcast seeded. If broadcasting seed, the seed shall be walked into the soil with a dozer immediately after the seeding is completed, or covered by soil using a drag chain. Seeding shall occur in the fall (August 1st until snow or ground is frozen) with the following seed mix:

Seed mix:

Common name	Latin name	lbs/acre	Recommended seed planting depth
Squirreltail grass	<i>Elymus elymoides</i>	5.0	¼ - ½"
Siberian wheatgrass	<i>Agropyron fragile</i>	2.0	½"
Shadscale saltbush	<i>Atriplex confertifolia</i>	0.50	½"
Four-wing saltbush	<i>Atriplex canescens</i>	0.50	½"
Gardner's saltbush	<i>Atriplex gardneri</i>	0.50	½"
Scarlet globemallow	<i>Sphaeralcea coccinea</i>	0.10	⅛ - ¼"
Forage Kochia	<i>Kochia prostrata</i>	0.10	⅛ - ¼"

- All pounds are pure live seed.
- All seed and mulch will be certified weed free.
- Rates are set for drill seeding; double rate if broadcasting.
- Reseeding may be required if initial seeding is not successful.

Final reclamation:

- Once the location is plugged and abandoned, the well location, access, and any disturbed areas shall be recontoured to natural topography, topsoil shall be respread, and the entire location shall be seeded following guidelines in the seed mix bullet statement above. Final seed mix: same as interim.
- Noxious and/or invasive weeds will be controlled along access roads, pipelines, well sites, and all other applicable facilities. Any noxious and/or invasive weeds outbreak, directly attributed to the activities of the Operator, will be the responsibility of the Operator to control. On BLM administered land, a Pesticide Use Proposal (PUP) must be submitted and approved prior to the application of herbicides, pesticides, or other possibly hazardous chemicals.
- The authorized officer may prohibit surface disturbing activities during severe winter conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- The authorized officer may prohibit surface disturbing activities during wet or muddy conditions to minimize watershed damage. This limitation does not apply to operation and maintenance of producing wells.
- All well facilities not regulated by OSHA will be painted Carlsbad Canyon.
- All boulders with a length or diameter greater than 3 feet, that are found showing at the surface, will be stockpiled for use during final reclamation.
- Notify the Authorized Officer 48 hours prior to surface disturbing activities.

DOWNHOLE CONDITIONS OF APPROVAL

SITE SPECIFIC DOWNHOLE CONDITIONS OF APPROVAL

- Production casing cement shall be brought up and into the surface.

All provisions outlined in Onshore Oil & Gas Order #2 Drilling Operations shall be strictly adhered to. The following items are emphasized:

DRILLING/COMPLETION/PRODUCING OPERATING STANDARDS

- The spud date and time shall be reported orally to Vernal Field Office within 24 hours of spudding.
- Notify Vernal Field Office Supervisory Petroleum Engineering Technician at least 24 hours in advance of casing cementing operations and BOPE & casing pressure tests.
- All requirements listed in Onshore Order #2 III. E. Special Drilling Operations are applicable for air drilling of surface hole.
- Blowout prevention equipment (BOPE) shall remain in use until the well is completed or abandoned. Closing unit controls shall remain unobstructed and readily accessible at all times. Choke manifolds shall be located outside of the rig substructure.
- All BOPE components shall be inspected daily and those inspections shall be recorded in the daily drilling report. Components shall be operated and tested as required by Onshore Oil & Gas Order No. 2 to insure good mechanical working order. All BOPE pressure tests shall be performed by a test pump with a chart recorder and **NOT** by the rig pumps. Test shall be reported in the driller's log.
- BOP drills shall be initially conducted by each drilling crew within 24 hours of drilling out from under the surface casing and weekly thereafter as specified in Onshore Oil & Gas Order No. 2.
- Casing pressure tests are required before drilling out from under all casing strings set and cemented in place.
- No aggressive/fresh hard-banded drill pipe shall be used within casing.
- **Cement baskets shall not be run on surface casing.**
- The operator must report all shows of water or water-bearing sands to the BLM. If flowing water is encountered it must be sampled, analyzed, and a copy of the analyses submitted to the BLM Vernal Field Office.
- The operator must report encounters of all non oil & gas mineral resources (such as Gilsonite, tar sands, oil shale, trona, etc.) to the Vernal Field Office, in writing, within 5 working days of each encounter. Each report shall include the well name/number, well location, date and depth (from KB or GL) of encounter, vertical footage of the encounter and, the name of the person making the report (along with a telephone number) should the BLM need to obtain additional information.

- A complete set of angular deviation and directional surveys of a directional well will be submitted to the Vernal BLM office engineer within 30 days of the completion of the well.
- While actively drilling, chronologic drilling progress reports shall be filed directly with the BLM, Vernal Field Office on a weekly basis in sundry, letter format or e-mail to the Petroleum Engineers until the well is completed.
- A cement bond log (CBL) will be run from the production casing shoe to the top of cement and shall be utilized to determine the bond quality for the production casing. Submit a field copy of the CBL to this office.
- **Please submit an electronic copy of all other logs run on this well in LAS format to UT_VN_Welllogs@BLM.gov. This submission will supersede the requirement for submittal of paper logs to the BLM.**
- There shall be no deviation from the proposed drilling, completion, and/or workover program as approved. Safe drilling and operating practices must be observed. Any changes in operation must have prior approval from the BLM Vernal Field Office.

OPERATING REQUIREMENT REMINDERS:

- All wells, whether drilling, producing, suspended, or abandoned, shall be identified in accordance with 43 CFR 3162.6. There shall be a sign or marker with the name of the operator, lease serial number, well number, and surveyed description of the well.
- In accordance with 43 CFR 3162.4-3, this well shall be reported on the "Monthly Report of Operations" (Oil and Gas Operations Report ((OGOR)) starting with the month in which operations commence and continue each month until the well is physically plugged and abandoned. This report shall be filed in duplicate, directly with the Minerals Management Service, P.O. Box 17110, Denver, Colorado 80217-0110, or call 1-800-525-7922 (303) 231-3650 for reporting information.
- Should the well be successfully completed for production, the BLM Vernal Field office must be notified when it is placed in a producing status. Such notification will be by written communication and must be received in this office by not later than the fifth business day following the date on which the well is placed on production. The notification shall provide, as a minimum, the following informational items:
 - Operator name, address, and telephone number.
 - Well name and number.
 - Well location (¼¼, Sec., Twn, Rng, and P.M.).
 - Date well was placed in a producing status (date of first production for which royalty will be paid).
 - The nature of the well's production, (i.e., crude oil, or crude oil and casing head gas, or natural gas and entrained liquid hydrocarbons).
 - The Federal or Indian lease prefix and number on which the well is located; otherwise the non-Federal or non-Indian land category, i.e., State or private.
 - Unit agreement and/or participating area name and number, if applicable.
 - Communitization agreement number, if applicable.
- Any venting or flaring of gas shall be done in accordance with Notice to Lessees (NTL) 4A and needs prior approval from the BLM Vernal Field Office.
- All undesirable events (fires, accidents, blowouts, spills, discharges) as specified in NTL 3A will be reported to the BLM, Vernal Field Office. Major events, as defined in NTL3A, shall be reported verbally within 24 hours, followed by a written report within 15 days. "Other than Major Events" will be reported in writing within 15 days. "Minor Events" will be reported on the Monthly Report of Operations and Production.
- Whether the well is completed as a dry hole or as a producer, "Well Completion and Recompletion Report and Log" (BLM Form 3160-4) shall be submitted not later than 30 days after completion of the well or after completion of operations being performed, in accordance with 43 CFR 3162.4-1. Two copies of all logs run, core descriptions, and all other surveys or data obtained and compiled during the drilling, workover, and/or completion operations, shall be

filed on BLM Form 3160-4. Submit with the well completion report a geologic report including, at a minimum, formation tops, and a summary and conclusions. Also include deviation surveys, sample descriptions, strip logs, core data, drill stem test data, and results of production tests if performed. Samples (cuttings, fluid, and/or gas) shall be submitted only when requested by the BLM, Vernal Field Office.

- All off-lease storage, off-lease measurement, or commingling on-lease or off-lease, shall have prior written approval from the BLM Vernal Field Office.
- Oil and gas meters shall be calibrated in place prior to any deliveries. The BLM Vernal Field Office Petroleum Engineers will be provided with a date and time for the initial meter calibration and all future meter proving schedules. A copy of the meter calibration reports shall be submitted to the BLM Vernal Field Office. All measurement facilities will conform to the API standards for liquid hydrocarbons and the AGA standards for natural gas measurement. All measurement points shall be identified as the point of sale or allocation for royalty purposes.
- A schematic facilities diagram as required by Onshore Oil & Gas Order No. 3 shall be submitted to the BLM Vernal Field Office within 30 days of installation or first production, whichever occurs first. All site security regulations as specified in Onshore Oil & Gas Order No. 3 shall be adhered to. All product lines entering and leaving hydrocarbon storage tanks will be effectively sealed in accordance with Onshore Oil & Gas Order No. 3.
- Any additional construction, reconstruction, or alterations of facilities, including roads, gathering lines, batteries, etc., which will result in the disturbance of new ground, shall require the filing of a suitable plan and need prior approval of the BLM Vernal Field Office. Emergency approval may be obtained orally, but such approval does not waive the written report requirement.
- No location shall be constructed or moved, no well shall be plugged, and no drilling or workover equipment shall be removed from a well to be placed in a suspended status without prior approval of the BLM Vernal Field Office. If operations are to be suspended for more than 30 days, prior approval of the BLM Vernal Field Office shall be obtained and notification given before resumption of operations.
- Pursuant to Onshore Oil & Gas Order No. 7, this is authorization for pit disposal of water produced from this well for a period of 90 days from the date of initial production. A permanent disposal method must be approved by this office and in operation prior to the end of this 90-day period. In order to meet this deadline, an application for the proposed permanent disposal method shall be submitted along with any necessary water analyses, as soon as possible, but no later than 45 days after the date of first production. Any method of disposal which has not been approved prior to the end of the authorized 90-day period will be considered as an Incident of Noncompliance and will be grounds for issuing a shut-in order until an acceptable manner for disposing of said water is provided and approved by this office.
- Unless the plugging is to take place immediately upon receipt of oral approval, the Field Office Petroleum Engineers must be notified at least 24 hours in advance of the plugging of the well, in order that a representative may witness plugging operations. If a well is suspended or abandoned, all pits must be fenced immediately until they are backfilled. The "Subsequent Report of Abandonment" (Form BLM 3160-5) must be submitted within 30 days after the actual plugging of the well bore, showing location of plugs, amount of cement in each, and amount of casing left in hole, and the current status of the surface restoration.

Spud

BLM - Vernal Field Office - Notification Form

Operator Newfield Exploration Rig
Name/# Ross # 21 Submitted By Justin Crum Phone Number
823-6733
Well Name/Number Federal 1-27-9-16
Qtr/Qtr NE/NE Section 27 Township 9s Range 16e
Lease Serial Number UTU-74392
API Number 43-013-33350

Spud Notice – Spud is the initial spudding of the well, not drilling out below a casing string.

Date/Time 12/22/2008 9:00 AM ☒ PM ☐

Casing – Please report time casing run starts, not cementing times.

- ☒ Surface Casing
- ☐ Intermediate Casing
- ☐ Production Casing
- ☐ Liner
- ☐ Other

Date/Time 12/22/08 4:00 AM ☐ PM ☒

BOPE

- ☐ Initial BOPE test at surface casing point
- ☐ BOPE test at intermediate casing point
- ☐ 30 day BOPE test
- ☐ Other

Date/Time _____ AM ☐ PM ☐

Remarks _____

STATE OF UTAH
DIVISION OF OIL, GAS AND MINING
ENTITY ACTION FORM -FORM 6

OPERATOR: NEWFIELD PRODUCTION COMPANY
ADDRESS: RT. 3 BOX 3630
MYTON, UT 84052

OPERATOR ACCT. NO. N2695

ACTION CODE	CURRENT ENTITY NO.	NEW ENTITY NO.	API NUMBER	WELL NAME	WELL LOCATION				COUNTY	SPUD DATE	EFFECTIVE DATE
					QQ	SC	TP	RG			
A	99999	17253	4301333350	FEDERAL 1-27-9-16	NENE	27	9S	16E	DUCHESNE	12/22/2008	12/30/08
WELL 1 COMMENTS: GRUV											
B	99999	11492	4301333352	JONAH FEDERAL LA-14-9-16	SENE	14	9S	16E	DUCHESNE	12/19/2008	
Rigskid											
A	99999	17254	4301333352	FEDERAL 3-27-9-16	NENW	27	9S	16E	DUCHESNE	12/19/2008	12/30/08
GRUV											
WELL 5 COMMENTS:											
WELL 5 COMMENTS:											

ACTION CODES (See instructions on back of form)
A - new entity for new well (single well only)
B - well to existing entity (group or unit well)
C - from one existing entity to another existing entity
D - well from one existing entity to a new entity
E - Error (explain in comments section)

NOTE: Use COMMENT section to explain why each Action Code was selected.

RECEIVED
DEC 23 2008

DIV. OF OIL, GAS & MINING

Signature
Production Clerk

Jeniri Park

12/23/08
Date

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well
☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator
NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630
Myton, UT 84052

3b. Phone (include area code)
435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)
553 FNL 503 FEL
NENE Section 27 T9S R16E

5. Lease Serial No.

UTU-74392

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 1-27-9-16

9. API Well No.

4301333350

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Spud Notice
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recompleat horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/BIA. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompleat in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 12/22/08 MIRU Ross # 21. Spud well @ 9:00 AM. Drill 325' of 12 1/4" hole with air mist. TIH W/ 7 Jt's 8 5/8" J-55 24 # csgn. Set @ 327.48'KB. On 9/23/08 cement with 160 sks of class "G" w/ 3% CaCL2 + 1/4# sk Cello- Flake Mixed @ 15.8 ppg > 1.17 cf/ sk yeild. Returned 4 bbls cement to pit. WOC.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Title

Drilling Foreman

Signature

Date

12/26/2008

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Title

Date

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction

(Instructions on page 2)

RECEIVED

JAN 06 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

8 5/8" CASING SET AT 327.48

LAST CASING	<u>8 5/8"</u>	SET AT	<u>327.48</u>
DATUM	<u>12</u>		
DATUM TO CUT OFF CASING		<u>12</u>	
DATUM TO BRADENHEAD FLANGE			<u>12</u>
TD DRILLER	<u>325</u>	LOGG	<u>325</u>
HOLE SIZE	<u>12 1/4"</u>		

OPERATOR **Newfield Exploration Company**
WELL **FEDERAL 1-27-9-16**
FIELD/PROSPECT **MB**
CONTRACTOR & RIG # **Ross # 21**

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION	WT / FT	GRD	THREAD	CONDT	LENGTH				
1		well head					0.95				
1		guide shoe			STC		0.9				
7	8 5/8"	csg	24	J-55	STC	A	315.63				
CASING INVENTORY BAL.			FEET	JTS	TOTAL LENGTH OF STRING			317.48			
TOTAL LENGTH OF STRING			317.48	7	LESS CUT OFF PIECE			2			
LESS NON CSG. ITEMS			1.85		PLUS DATUM TO T/CUT OFF CSG			12			
PLUS FULL JTS. LEFT OUT			0	0	CASING SET DEPTH			327.48			
TOTAL			315.63	7	} COMPARE						
TOTAL CSG. DEL. (W/O THRDS)			315.63	7							
TIMING											
BEGIN RUN CSG.	Spud	9:00 AM	12/22/2008	GOOD CIRC THRU JOB Yes							
CSG. IN HOLE		5:30 PM	12/22/2008	Bbls CMT CIRC TO SURFACE 4							
BEGIN CIRC		1:32 PM	12/23/2008	RECIPROCATED PIPI No							
BEGIN PUMP CMT		1:42 PM	12/23/2008								
BEGIN DSPL. CMT		1:56 PM	12/23/2008	BUMPED PLUG TO 130							
PLUG DOWN		2:05 PM	12/23/2008								

[illegible]

COMPANY REPRESENTATIVE **Jim Smith** DATE **12/23/2008**

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB No. 1004-0137
Expires: July 31, 2010

SUNDRY NOTICES AND REPORTS ON WELLS
Do not use this form for proposals to drill or to re-enter an abandoned well. Use Form 3160-3 (APD) for such proposals.

SUBMIT IN TRIPLICATE - Other Instructions on page 2

1. Type of Well

☒ Oil Well ☐ Gas Well ☐ Other

2. Name of Operator

NEWFIELD PRODUCTION COMPANY

3a. Address Route 3 Box 3630

Myton, UT 84052

3b. Phone (include area code)

435.646.3721

4. Location of Well (Footage, Sec., T., R., M., or Survey Description)

553 FNL 503 FEL

NENE Section 27 T9S R16E

5. Lease Serial No.

UTU-74392

6. If Indian, Allottee or Tribe Name.

7. If Unit or CA/Agreement, Name and/or

8. Well Name and No.

FEDERAL 1-27-9-16

9. API Well No.

4301333350

10. Field and Pool, or Exploratory Area

MONUMENT BUTTE

11. County or Parish, State

DUCHESNE, UT

12. CHECK APPROPRIATE BOX(ES) TO INDICATE NATURE OF NOTICE, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION			
<input type="checkbox"/> Notice of Intent	<input type="checkbox"/> Acidize	<input type="checkbox"/> Deepen	<input type="checkbox"/> Production (Start/Resume)	<input type="checkbox"/> Water Shut-Off
<input checked="" type="checkbox"/> Subsequent Report	<input type="checkbox"/> Alter Casing	<input type="checkbox"/> Fracture Treat	<input type="checkbox"/> Reclamation	<input type="checkbox"/> Well Integrity
<input type="checkbox"/> Final Abandonment	<input type="checkbox"/> Casing Repair	<input type="checkbox"/> New Construction	<input type="checkbox"/> Recomplete	<input checked="" type="checkbox"/> Other
	<input type="checkbox"/> Change Plans	<input type="checkbox"/> Plug & Abandon	<input type="checkbox"/> Temporarily Abandon	Weekly Status Report
	<input type="checkbox"/> Convert to Injector	<input type="checkbox"/> Plug Back	<input type="checkbox"/> Water Disposal	

13. Describe Proposed or Completed Operation: (Clearly state all pertinent details, including estimated starting date of any proposed work and approximate duration thereof. If the proposal is to deepen directionally or recomplete horizontally, give subsurface locations and measured and true vertical depths of all pertinent markers and zones. Attach the Bond under which the work will be performed or provide the Bond No. on file with BLM/31A. Required subsequent reports shall be filed within 30 days following completion of the involved operations. If the operation results in a multiple completion or recompletion in a new interval, a Form 3160-4 shall be filed once testing has been completed. Final Abandonment Notices shall be filed only after all requirements, including reclamation, have been completed, and the operator has determined that the site is ready for final inspection.)

On 12/24/08 MIRU NDSI Rig # 1. Set all equipment. Pressure test Kelly, TIW, Choke manifold, & Bop's to 2,000 psi. Test 8.625 csgn to 1,500 psi. Vernal BLM field, & Roosevelt DOGM office was notified of test. PU BHA and tag cement @ 270'. Drill out cement & shoe. Drill a 7.875 hole with fresh water to a depth of 5700'. Lay down drill string & BHA. Open hole log w/ Dig/SP/GR log's TD to surface. PU & TIH with Guide shoe, shoe jt, float collar, 144 jt's of 5.5 J-55, 15.5# csgn. Set @ 5693' / KB. Cement with 280 sks cement mixed @ 11.0 ppg & 3.43 yld. Then 400 sks cement mixed @ 14.4 ppg & 1.24 yld. Returned 3 bbls of cement to reserve pit. Nipple down Bop's. Drop slips @ 82,000 #'s tension. Release rig @ 6:30 PM on 12/30/08.

I hereby certify that the foregoing is true and correct (Printed/ Typed)

Justin Crum

Signature

Title

Drilling Foreman

Date

01/11/2009

THIS SPACE FOR FEDERAL OR STATE OFFICE USE

Approved by

Conditions of approval, if any, are attached. Approval of this notice does not warrant or certify that the applicant holds legal or equitable title to those rights in the subject lease which would entitle the applicant to conduct operations thereon.

Title

Date

Office

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious and fraudulent statements or representations as to any matter within its jurisdiction.

(Instructions on page 2)

RECEIVED

JAN 22 2009

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY - CASING & CEMENT REPORT

5 1/2" CASING SET AT 5693

LAST CASING 5 1/2" SET AT 5693
DATUM _____
DATUM TO CUT OFF CASING _____
DATUM TO BRADENHEAD FLANGE _____
TD DRILLER 5700 LOGC 5693
HOLE SIZE 7 7/8"

OPERATOR Newfield Exploration Company
WELL FEDERAL 1-27-9-16
FIELD/PROSPECT MB
CONTRACTOR & RIG # _____

LOG OF CASING STRING:

PIECES	OD	ITEM - MAKE - DESCRIPTION		WT / FT	GRD	THREAD	CONDT	LENGTH
1	5 1/2"	Landing jt.		15.50	J-55	LTC		14
143	5 1/2"	LT&C casing		15.50	J-55	LTC	A	5640.55
1	5 1/2"	Float collar				LTC	A	0.6
1	5 1/2"	LT&C casing (Shoe jt.)		15.50	J-55	LTC	A	39.95
1	5 1/2"	Guide shoe						0.65
CASING INVENTORY BAL.		FEET	JTS	TOTAL LENGTH OF STRING				5695.75
TOTAL LENGTH OF STRING		5695.75		LESS CUT OFF PIECE				14
LESS NON CSG. ITEMS		15.25		PLUS DATUM TO T/CUT OFF CSG				12
PLUS FULL JTS. LEFT OUT		587.96	15	CASING SET DEPTH				5,693.75
TOTAL		6268.46	15	} COMPARE				
TOTAL CSG. DEL. (W/O THRDS)		6268.46	159					
TIMING								
BEGIN RUN CSG.	Spud	8:00 AM	12/30/2008	GOOD CIRC THRU JOB				Yes
CSG. IN HOLE		10:30 AM	12/30/2008	Bbls CMT CIRC TO SURFACE				3
BEGIN CIRC		10:30 AM	12/30/2008	RECIPROCATED PIP				Yes
BEGIN PUMP CMT		12:47 PM	12/30/2008					
BEGIN DSPL. CMT		1:48 PM	12/30/2008	BUMPED PLUG TO				1700
PLUG DOWN		2:19 PM	12/30/2008					

CENTRALIZER & SCRATCHER PLACEMENT	SHOW MAKE & SPACING
Middle first, top second & third. Then every third collar for a total of 20	

DATE 12/31/2008

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		7. UNIT or CA AGREEMENT NAME:
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 553 FNL 503 FEL		8. WELL NAME and NUMBER: FEDERAL 1-27-9-16
5. LOCATION OF WELL: FOOTAGES AT SURFACE: 553 FNL 503 FEL		9. API NUMBER: 4301333350
6. LOCATION OF WELL: FOOTAGES AT SURFACE: 553 FNL 503 FEL		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
7. LOCATION OF WELL: FOOTAGES AT SURFACE: 553 FNL 503 FEL		COUNTY: DUCHESNE
8. LOCATION OF WELL: FOOTAGES AT SURFACE: 553 FNL 503 FEL		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> CHANGE WELL NAME <input type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> DEEPEN <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> PLUG BACK <input type="checkbox"/> PRODUCTION (START/STOP) <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	<input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> TEMPORARITLY ABANDON <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> VENT OR FLAIR <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> WATER SHUT-OFF <input checked="" type="checkbox"/> OTHER: - Operations suspended
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 05/06/2009			

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

Operations Suspended.

NAME (PLEASE PRINT) Jentri Park	TITLE Production Clerk
SIGNATURE	DATE 05/06/2009

(This space for State use only)

RECEIVED
MAY 18 2009
DIV. OF OIL, GAS & MINING

UNITED STATES
DEPARTMENT OF THE INTERIOR
BUREAU OF LAND MANAGEMENT

FORM APPROVED
OMB NO. 1004-0137
Expires: July 31, 2010

WELL COMPLETION OR RECOMPLETION REPORT AND LOG

1a. Type of Well <input checked="" type="checkbox"/> Oil Well <input type="checkbox"/> Gas Well <input type="checkbox"/> Dry <input type="checkbox"/> Other b. Type of Completion: <input checked="" type="checkbox"/> New Well <input type="checkbox"/> Work Over <input type="checkbox"/> Deepen <input type="checkbox"/> Plug Back <input type="checkbox"/> Diff. Resvr., Other: _____						5. Lease Serial No. UTU-74392			
2. Name of Operator NEWFIELD EXPLORATION COMPANY						6. If Indian, Allottee or Tribe Name NA			
3. Address 1401 17TH ST. SUITE 1000 DENVER, CO 80202				3a. Phone No. (include area code) (435)646-3721		7. Unit or CA Agreement Name and No. FEDERAL			
4. Location of Well (Report location clearly and in accordance with Federal requirements)* At surface 533' FSL & 503' FWL (NE/NE) SEC. 27, T9S, R16E At top prod. interval reported below At total depth 5700'						8. Lease Name and Well No. FEDERAL 1-27-9-16			
14. Date Spudded 12/22/2009						15. Date T.D. Reached 12/29/2009			
16. Date Completed 05/22/2009 <input type="checkbox"/> D & A <input checked="" type="checkbox"/> Ready to Prod.						9. AFI Well No. 43-013-33350			
18. Total Depth: MD 5700' TVD						19. Plug Back T.D.: MD 5653' TVD			
20. Depth Bridge Plug Set: MD TVD						17. Elevations (DF, RKB, RT, GL)* 5797' GL 5809' KB			
21. Type Electric & Other Mechanical Logs Run (Submit copy of each) DUAL IND GRD, SP, COMP. DENSITY, COMP. NEUTRON, GR, CALIPER, CMT BOND						22. Was well cored? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit analysis) Was DST run? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit report) Directional Survey? <input checked="" type="checkbox"/> No <input type="checkbox"/> Yes (Submit copy)			
23. Casing and Liner Record (Report all strings set in well)									
Hole Size	Size/Grade	Wt. (#/ft.)	Top (MD)	Bottom (MD)	Stage Cement Depth	No. of Sks. & Type of Cement	Slurry Vol. (BBL)	Cement Top*	Amount Pulled
12-1/4"	8-5/8" J-55	24#		327'		160 CLASS G			
7-7/8"	5-1/2" J-55	15.5#		5693'		300 PRIMLITE		130'	
						400 50/50 POZ			
24. Tubing Record									
Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	Size	Depth Set (MD)	Packer Depth (MD)	
2-7/8"	EOT@5582'	TA @ 5519'							
25. Producing Intervals									
Formation	Top	Bottom	Perforated Interval	Size	No. Holes	Perf. Status			
A) GREEN RIVER			(CP2) 5538-5548'	.49"	4	40			
B) GREEN RIVER			(A1) 4796-08,4772-88'	.49"	4	112			
C) GREEN RIVER			(C) 4490-4502'	.49"	4	64			
D)									
26. Perforation Record									
27. Acid, Fracture, Treatment, Cement Squeeze, etc.									
Depth Interval		Amount and Type of Material							
5538-5548'		Frac CP5 sds w/ 14,952#'s of 20/40 sand in 296 bbls of Lightning 17 fluid.							
4772-4808'		Frac A1 sds w/ 125,722#'s of 20/40 sand in 898 bbls of Lightning 17 fluid.							
4490-4502'		Frac C sds w/ 46,703#'s of 20/40 sand in 458 bbls of Lightning 17 fluid.							
28. Production - Interval A									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
05/22/09	06/12/09	24	→	73	6	94			2-1/2" x 1-1/2" x 17' x 20' new Central Hydraulic RHAC pump
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→					PRODUCING	
28a. Production - Interval B									
Date First Produced	Test Date	Hours Tested	Test Production	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
			→						
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	
			→						

*(See instructions and spaces for additional data on page 2)

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28b. Production - Interval C

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

28c. Production - Interval D

Date First Produced	Test Date	Hours Tested	Test Production →	Oil BBL	Gas MCF	Water BBL	Oil Gravity Corr. API	Gas Gravity	Production Method
Choke Size	Tbg. Press. Flwg. SI	Csg. Press.	24 Hr. Rate →	Oil BBL	Gas MCF	Water BBL	Gas/Oil Ratio	Well Status	

29. Disposition of Gas (Solid, used for fuel, vented, etc.)

USED FOR FUEL

30. Summary of Porous Zones (Include Aquifers):

Show all important zones of porosity and contents thereof: Cored intervals and all drill-stem tests, including depth interval tested, cushion used, time tool open, flowing and shut-in pressures and recoveries.

31. Formation (Log) Markers

GEOLOGICAL MARKERS

Formation	Top	Bottom	Descriptions, Contents, etc.	Name	Top
					Meas. Depth
				GARDEN GULCH MRK GARDEN GULCH 1	3344' 3552'
				GARDEN GULCH 2 POINT 3	3656' 3906'
				X MRKR Y MRKR	4171' 4203'
				DOUGALS CREEK MRK BI CARBONATE MRK	4320' 4546'
				B LIMESTON MRK CASTLE PEAK	4669' 5184'
				BASAL CARBONATE TOTAL DEPTH (LOGGERS)	5626' 5693'

32. Additional remarks (include plugging procedure):

33. Indicate which items have been attached by placing a check in the appropriate boxes:

- ☐ Electrical/Mechanical Logs (1 full set req'd.)
 ☐ Geologic Report
 ☐ DST Report
 ☐ Directional Survey
☐ Sundry Notice for plugging and cement verification
 ☐ Core Analysis
 ☐ Other:

34. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records (see attached instructions)*

Name (please print) Tammi LeeTitle Production ClerkSignature Tammi LeeDate 06/25/2009

Title 18 U.S.C. Section 1001 and Title 43 U.S.C. Section 1212, make it a crime for any person knowingly and willfully to make to any department or agency of the United States any false, fictitious or fraudulent statements or representations as to any matter within its jurisdiction.

(Continued on page 3)

(Form 3160-4, page 2)

STATE OF UTAH
DEPARTMENT OF NATURAL RESOURCES
DIVISION OF OIL, GAS AND MINING

5. LEASE DESIGNATION AND SERIAL NUMBER:
UTU-74392

SUNDRY NOTICES AND REPORTS ON WELLS

Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.

1. TYPE OF WELL: OIL WELL <input checked="" type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER <input type="checkbox"/>		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME:
3. ADDRESS OF OPERATOR: Route 3 Box 3630 CITY Myton STATE UT ZIP 84052		8. WELL NAME and NUMBER: FEDERAL 1-27-9-16
4. LOCATION OF WELL: FOOTAGES AT SURFACE: 553 FNL 503 FEL		9. API NUMBER: 4301333350
OTR/OTR. SECTION. TOWNSHIP. RANGE. MERIDIAN: NENE, 27, T9S, R16E		10. FIELD AND POOL, OR WILDCAT: MONUMENT BUTTE
		COUNTY: DUCHESNE
		STATE: UT

11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION		
<input type="checkbox"/> NOTICE OF INTENT (Submit in Duplicate) Approximate date work will _____	<input type="checkbox"/> ACIDIZE	<input type="checkbox"/> DEEPEN	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> ALTER CASING	<input type="checkbox"/> FRACTURE TREAT	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> CASING REPAIR	<input type="checkbox"/> NEW CONSTRUCTION	<input type="checkbox"/> TEMPORARITLY ABANDON
	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	<input type="checkbox"/> OPERATOR CHANGE	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> CHANGE TUBING	<input type="checkbox"/> PLUG AND ABANDON	<input type="checkbox"/> VENT OR FLAIR
<input checked="" type="checkbox"/> SUBSEQUENT REPORT (Submit Original Form Only) Date of Work Completion: 07/02/2009	<input type="checkbox"/> CHANGE WELL NAME	<input type="checkbox"/> PLUG BACK	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> CHANGE WELL STATUS	<input type="checkbox"/> PRODUCTION (START/STOP)	<input type="checkbox"/> WATER SHUT-OFF
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	<input type="checkbox"/> RECLAMATION OF WELL SITE	<input checked="" type="checkbox"/> OTHER: - Weekly Status Report
	<input type="checkbox"/> CONVERT WELL TYPE	<input type="checkbox"/> RECOMPLETE - DIFFERENT FORMATION	

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The above subject well was completed on 05/22/09, attached is a daily completion status report.

NAME (PLEASE PRINT) Jentri Park

TITLE Production Clerk

SIGNATURE

DATE 07/02/2009

(This space for State use only)

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JUL 06 2009

DIV OF OIL, GAS & MINING

Daily Activity Report**Format For Sundry****FEDERAL 1-27-9-16****3/1/2009 To 7/30/2009****5/11/2009 Day: 1****Completion**

Rigless on 5/11/2009 - (5-13-09) MIRU Perforators LLC, Run CBL under pressure. Pressure test csg & BOP to 4500 psi. Perforate Stage #1. RDMO WL. 134 BWTR. - (5-13-09) Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5619' cement top @ 130'. Perforate stage #1. CP5 sds @ 5538- 48' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 134 BWTR. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$11,678

5/19/2009 Day: 2**Completion**

Rigless on 5/19/2009 - 5/19/09 Frac 3 stages & flow well back. - Stage #2, A1 sands. RU BJ Services. 1550 psi on well. Frac A1 sds w/ 125,722#'s of 20/40 sand in 898 bbls of Lightning 17 fluid. Broke @ 4080 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1798 psi @ ave rate of 26.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2065 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 4570'. Perforate C sds @ 4490-4502' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 48 shots. 1328 BWTR - Stage #1, CP5 sands. RU BJ Services. 21 psi on well. Frac CP5 sds w/ 14,952#'s of 20/40 sand in 296 bbls of Lightning 17 fluid. Broke @ 2392 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2493 psi @ ave rate of 26.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2248 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' & 12' perf guns. Set plug @ 4880'. Perforate A1 sds @ 4796-4808' & 4772-88' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 112 shots. 430 BWTR - Stage #3, C sands. RU BJ Services. 1650 psi on well. Frac C sds w/ 46,703#'s of 20/40 sand in 458 bbls of Lightning 17 fluid. Broke @ 4042 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1861 psi @ ave rate of 26.9 BPM. ISIP 3554 psi. 1786 BWTR. Open well for immediate flowback @ 3-4 BPM. Well flowed for 4 hours & died. SWIFN. Recovered 580 bbls. 1206 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$75,253

5/20/2009 Day: 3**Completion**

Nabors #1111 on 5/20/2009 - 5-20-09 MIRUSU. Drlg plugs. - MIRUSU. Open well w/ 5 psi on casing. RD Cameron BOP's & frac head. Instal 3M production head & Schafer BOP's. PU 4-3/4" used Chomp mill & x-over sub. Tally & pickup new 2-7/8", 6.5#, J-55 tbg & TIH to tag sand @ 4558'. RU swivel , pump & tanks. C/O to plug @ 4572'. Drlg out plug #1. TIH w/ tbg to tag sand @ 4867'. Swivel broke down. C/O to plug @ 4880'. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$124,635

5/21/2009 Day: 4**Completion**

Nabors #1111 on 5/21/2009 - Clean well out & TOO H w/ tbg. - open well w/ psi on casing. RU swivel. Drlg out Plug #2 @ 4880'. TIH w/ tbg to tag fill @ 5522'. C/O to PBTD @ 5653'. LD 3 jts tbg. RU swab equipment. Mad 16 runs & rec'd 153 bbls of fluid. IFL was surface. FFL was 900'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to tag no new sand. Circulate well clean. TOO H w/ tbg. LD mill & x-over sub. SIFN.

Daily Cost: \$0

Cumulative Cost: \$132,824

5/22/2009 Day: 5**Completion**

Nabors #1111 on 5/22/2009 - 5-22-09 Put well on pump. - Open well w/ 10 psi on casing. RU NC, 1 jt tbg, SN, 1 jt tbg, TA new Central Hydraulic w/ 45,000# shear, 168 jts tbg. RD BOP's. Set TA @ 5519' w/ 18,000#'s tension w/ SN @ 5552' & EOT @ 5582'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Central Hydraulic RHAC pump w/ 180"SL, 6- 1-1/2" weight rods, 20- 3/4" guidd rods, 95- 3/4" plain rods, 100- 3/4" guided rods, 1-1/2" x 26" polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 4PM w/ 106"SL @ 4.5 spm w/ 1050 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$169,276

Pertinent Files: Go to File List



June 14, 2012

Mr. Mark Reinbold
State of Utah
Division of Oil, Gas and Mining
1594 W North Temple
Salt Lake City, Utah 84114-5801

RE: Permit Application for Water Injection Well
Federal #1-27-9-16
Monument Butte Field, Lease #UTU-74392
Section 27-Township 9S-Range 16E
Duchesne County, Utah

Dear Mr. Reinbold:

Newfield Production Company herein requests approval to convert the Federal #1-27-9-16 from a producing oil well to a water injection well in the Monument Butte (Green River) Field.

I hope you find this application complete; however, if you have any questions or require additional information, please contact me at (303) 893-0102.

Sincerely,

A handwritten signature in black ink, appearing to read "Eric Sundberg". The signature is fluid and extends to the right.

Eric Sundberg
Regulatory Lead

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JUN 18 2012

DIV. OF OIL, GAS & MINING

NEWFIELD PRODUCTION COMPANY
APPLICATION FOR APPROVAL OF CLASS II INJECTION WELL
FEDERAL #1-27-9-16
MONUMENT BUTTE FIELD (GREEN RIVER) FIELD
LEASE #UTU-74392
JUNE 14, 2012


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STATE OF UTAH
DIVISION OF OIL, GAS AND MINING

APPLICATION FOR INJECTION WELL - UIC FORM 1

OPERATOR Newfield Production Company
ADDRESS 1001 17th Street, Suite 2000
Denver, Colorado 80202

Well Name and number: <u>Federal #1-27-9-16</u>	
Field or Unit name: <u>Monument Butte (Green River)</u>	Lease No. <u>UTU-74392</u>
Well Location: QQ <u>NENE</u> section <u>27</u> township <u>9S</u> range <u>16E</u> county <u>Duchesne</u>	
Is this application for expansion of an existing project? Yes [X] No []	
Will the proposed well be used for:	
Enhanced Recovery?	Yes [X] No []
Disposal?	Yes [] No [X]
Storage?	Yes [] No [X]
Is this application for a new well to be drilled? Yes [] No [X]	
If this application is for an existing well,	
has a casing test been performed on the well? Yes [] No [X]	
Date of test: _____	
API number: <u>43-013-33350</u>	
Proposed injection interval: from <u>3665</u> to <u>5653</u>	
Proposed maximum injection: rate <u>500 bpd</u> pressure <u>2034</u> psig	
Proposed injection zone contains [x] oil, [] gas, and/or [] fresh water within 1/2 mile of the well.	
<div style="border: 1px solid black; padding: 5px; text-align: center;">IMPORTANT: Additional information as required by R615-5-2 should accompany this form.</div>	
List of Attachments: <u>Attachments "A" through "H-1"</u>	
I certify that this report is true and complete to the best of my knowledge.	
Name: <u>Eric Sundberg</u>	Signature <u></u>
Title: <u>Regulatory Lead</u>	Date: <u>6/14/12</u>
Phone No. <u>(303) 893-0102</u>	
(State use only)	
Application approved by _____	Title _____
Approval Date _____	
Comments:	

Spud Date: 12/22/2009
 Put on Production: 5/22/2009
 GL: 5797 ' KB: 5809'

Federal 1-27-9-16

Proposed Injection Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (315.63')
 DEPTH LANDED: 327.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5693.75
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz
 CEMENT TOP AT: 130'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 178 jts (5500.9')
 TUBING ANCHOR: 5512.9' KB
 NO. OF JOINTS: 1 jt (30.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5546.6' KB
 NO. OF JOINTS: 1 jt (30.3')
 NOTCHED COLLAR: 2-7/8" / J-55 (5577.9')
 TOTAL STRING LENGTH: EOT @ 5578'

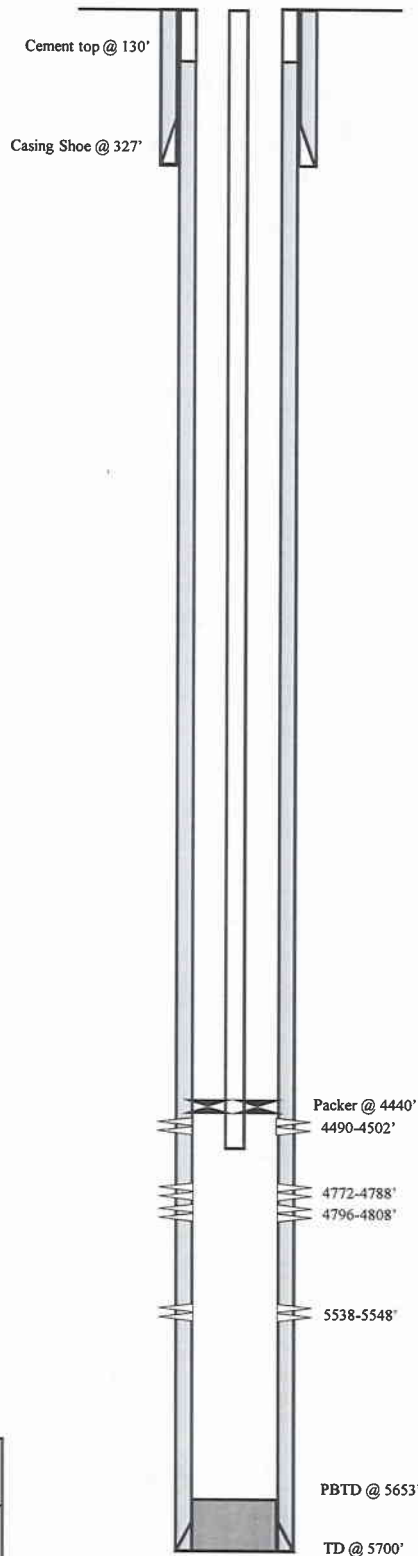
FRAC JOB

5/22/2009 5538-5548' Frac CP5 sds as follows:
 14,952# 20/40 sand in 296 bbls of Lightning 17 fluid. Treated w/
 ave pressure of 2493 psi @ ave rate of 26.8 BPM. ISIP 2248 psi.

5/22/2009 4772-4808' Frac A1 sds as follows:
 125,722#s of 20/40 sand in 898 bbls of Lightning 17 fluid.
 Treated w/ ave pressure of 1798 psi @ ave rate of 26.9 BPM. ISIP
 2065 psi.

5/22/2009 4490-4502' Frac C sds as follows:
 46,703#s of 20/40 sand in 458 bbls of Lightning 17 fluid. Treated
 w/ ave pressure of 1861 psi @ ave rate of 26.9 BPM. ISIP 3554
 psi.

9/25/09 Tubing Leak. Updated rod & tubing
 detail.
 5/6/2010 Stuck plunger on pump. Updated
 rod and tubing detail.
 5/25/2010 Stuck pump. Updated rod and
 tubing detail.



PERFORATION RECORD

5/22/09	5538-5548'	4 JSPF	40 holes
5/22/09	4796-4808'	4 JSPF	48 holes
5/22/09	4772-4788'	4 JSPF	64 holes
5/22/09	4490-4502'	4 JSPF	48 holes

NEWFIELD



Federal 1-27-9-16

533' FSL & 503' FWL

NE/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33350; Lease # UTU-74392

WORK PROCEDURE FOR INJECTION CONVERSION

1. Rig up hot oil truck to casing. Pump water. Unseat pump. Flush rods. Trip out of hole with rods and pump.
2. Trip out of hole with tubing, breaking and doping every connection. Trip in hole with packer and tubing. Rig up water truck to casing. Pump packer fluid. Set packer.
3. Test casing and packer.
4. Rig down and move out.

**REQUIREMENTS FOR INJECTION OF FLUIDS INTO RESERVOIRS
RULE R615-5-1**

- 1. Operations to increase ultimate recovery, such as cycling of gas, the maintenance of pressure, the introduction of gas, water or other substances into a reservoir for the purpose of secondary or other enhanced recovery or for storage and the injection of water into any formation for the purpose of water disposal shall be permitted only by order of the Board after notice and hearing.**
- 2. A request for agency action for authority for the injection of gas, liquified petroleum gas, air, water or any other medium into any formation for any reason, including but not necessarily limited to the establishment of or the expansion of waterflood projects, enhanced recovery projects, and pressure maintenance projects shall contain:**

- 2.1 The name and address of the operator of the project.**

Newfield Production Company
1001 17th Street, Suite 2000
Denver, Colorado 80202

- 2.2 A plat showing the area involved and identifying all wells, including all proposed injection wells, in the project area and within one-half mile of the project area.**

See Attachment A.

- 2.3 A full description of the particular operation for approval is requested.**

Approval is requested to convert the Federal #1-27-9-16 from a producing oil well to a water injection well in Monument Butte (Green River) Field.

- 2.4 A description of the pools from which the identified wells are producing or have produced.**

The proposed injection well will inject into the Green River Formation.

- 2.5 The names, description and depth of the pool or pools to be affected.**

The injection zone is in the Green River Formation. For the Federal #1-27-9-16 well, the proposed injection zone is from Garden Gulch to Basal Carbonate (3665' - 5653'). The confining strata directly above and below the injection zones are the Garden Gulch and the top of the Wasatch Formation or TD, which ever is shallower. The Garden Gulch Marker top is at 3340' and the TD is at 5700'.

- 2.6 A copy of a log of a representative well completed in the pool.**

The referenced log for the Federal #1-27-9-16 is on file with the Utah Division of Oil, Gas and Mining.

- 2.7 A statement as to the type of fluid to be used for injection, its source and the estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The average estimated injection of fluids will be at a rate of 300 BPD, and the estimated maximum injection will be at a rate of 500 BPD.

- 2.8 A list of all operators and surface owners within one-half mile radius of the proposed project.**

See Attachment B.

- 2.9 An affidavit certifying that said operators or owners and surface owners within a one-half mile radius have been provided a copy of the petition for injection.**

See Attachment C.

- 2.10 Any additional information the Board may determine is necessary to adequately review the petition.**

Newfield Production Company will supply any additional information requested by the Utah Division of Oil, Gas and Mining.

- 4.0 Establish recovery projects may be expanded and additional wells placed on injection only upon authority from the Board after notice and hearing or by administrative approval.**

This proposed injection well is on a Federal lease (Lease #UTU-74392) in the Monument Butte Federal (Green River) Field, and this request is for administrative approval.

**REQUIREMENTS FOR CLASS II INJECTION WELLS INCLUDING WATER DISPOSAL,
STORAGE AND ENHANCED RECOVERY WELLS
SECTION V – RULE R615-5-2**

- 1. Injection well shall be completed, equipped, operated, and maintained in a manner that will prevent pollution and damage to any USDW, or other resources and will confine injected fluids to the interval approved.**
- 2. The application for an injection well shall include a properly completed Form DOGM-UIC-1 and the following:**
 - 2.1 A plat showing the location of the injection well, all abandoned or active wells within a one-half mile radius of the proposed wells, and the surface owner and the operator of any lands or producing leases, respectively, within a one-half mile radius of the proposed injection well.**

See Attachments A and B.
 - 2.2 Copies of electrical or radioactive logs, including gamma ray logs, for the proposed well run prior to the installation of casing and indicating resistivity, spontaneous potential, caliper and porosity.**

All logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.3 A copy of a cement bond or comparable log run for the proposed injection well after casing was set and cemented.**

A copy of the cement bond log is on file with the Utah Division of Oil, Gas and Mining.
 - 2.4 Copies of logs already on file with the Division should be referenced, but need not be refiled.**

All copies of logs are on file with the Utah Division of Oil, Gas and Mining.
 - 2.5 A description of the casing or proposed casing program of the injection well and of the proposed method for testing the casing before use of the well.**

The casing program is 8-5/8", 24# surface casing run to 327' KB, and 5-1/2", 15.5# casing run from surface to 5694' KB. A casing integrity test will be conducted at the time of conversion. See Attachment E.
 - 2.6 A statement as to the type of fluid to be used for injection, its source and estimated amounts to be injected daily.**

The primary type and source of fluid to be used for injection will be culinary water commingled with produced water. The estimated average rate of injection will be 300 BPD, and the estimated maximum rate of injection will be 500 BPD.
 - 2.7 Standard laboratory analysis of the fluid to be injected, the fluid in the formation into which the fluid is being injected, and the compatibility of the fluids.**

See Attachment F.

The proposed average and maximum injection pressures.

The proposed average injection pressure will be approximately 1100 psig and the maximum injection pressure will not exceed 2034 psig.

- 2.8 Evidence and data to support a finding that the proposed injection well will not initiate fractures through the overlying strata or a confining interval that could enable the injected fluid or formation fluid to enter the fresh water strata.**

The minimum fracture gradient for the Federal #1-27-9-16, for existing perforations (4490' - 5548') calculates at 0.87 psig/ft. The maximum injection pressures will be limited so as not to exceed this gradient. A step rate test will be performed periodically to ensure we are below parting pressure. The proposed maximum injection pressure is 2034 psig. We may add additional perforations between 3340' and 5700'. See Attachments G and G-1.

- 2.9 Appropriate geological data on the injection interval and confining beds, including the geologic name, lithologic description, thickness, depth, and lateral extent.**

In the Federal #1-27-9-16, the proposed injection zone (3665' - 5653') is in the Garden Gulch to the Basal Carbonate of the Green River Formation. The reservoir is a very fine-grained sandstone with minor imbedded shale streaks. The estimated porosity is 13%. The members are composed of porous and permeable lenticular calcareous sandstone and low porosity carbonates and calcareous shale. The porous and lenticular sandstone varies in thickness from 0-31' and is confined to the Monument Butte Federal Field. Outside the Monument Butte Federal Field, the sandstone is composed of tight, very fine, silty, calcareous sandstone, less than 3' thick. The stratum confining the injection zone is composed of tight, moderately calcareous, sandy lacustrine shale. All of the confining strata are impermeable, and will effectively seal off the oil, gas, and water of the injection zone from any strata directly above or below it.

- 2.10 A review of the mechanical condition of each well within a one-half mile radius of the proposed injection well to assure that no conduit exists that could enable fluids to migrate up or down the wellbore and enter the improper intervals.**

See Attachments E through E-5.

Additionally, the injection system will be equipped with high and low pressure shut down devices that will automatically shut in injection waters if a system blockage or leakage occurs. One way check valves will also ensure proper flow management. Relief valves will also be utilized for high-pressure relief.

- 2.11 An affidavit certifying that a copy of the application has been provided to all operators or owners, and surface owners within a one-half mile radius of the proposed injection well.**

See Attachment C.

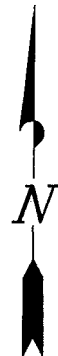
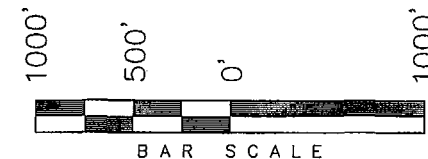
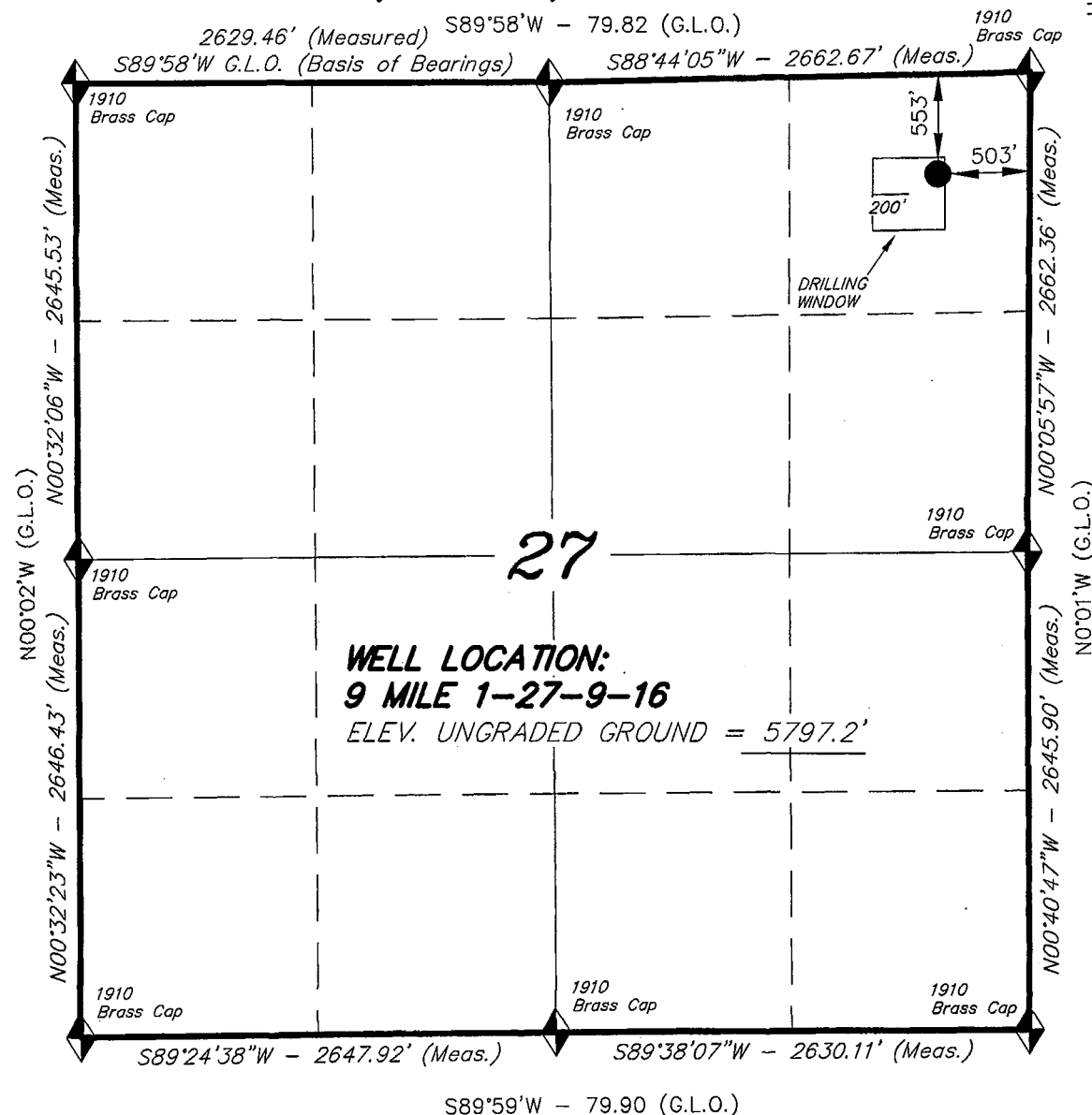
- 2.12 Any other information that the Board or Division may determine is necessary to adequately review the application.**

Newfield Production Company will supply any requested information to the Board or Division.

T9S, R16E, S.L.B.&M.

NEWFIELD PRODUCTION COMPANY

WELL LOCATION, 9 MILE 1-27-9-16,
LOCATED AS SHOWN IN THE NE 1/4 NE
1/4 OF SECTION 27, T9S, R16E,
S.L.B.&M. DUCHESNE COUNTY, UTAH.



THIS IS TO CERTIFY THAT THE ABOVE PLAT WAS
PREPARED FROM FIELD NOTES OF ACTUAL SURVEYS
MADE BY ME OR UNDER MY SUPERVISION AND THAT
THE SAME ARE TRUE AND CORRECT TO THE BEST OF
MY KNOWLEDGE AND BELIEF. No. 189377

STACY W. STEWART
REGISTERED LAND SURVEYOR
REGISTRATION NO. 40037
STATE OF UTAH

TRI STATE LAND SURVEYING & CONSULTING

180 NORTH VERNAL AVE. - VERNAL, UTAH 84078
(435) 781-2501

DATE SURVEYED:
7-9-06


SURVEYED BY: C.M.

DATE DRAWN:
07-11-06

DRAWN BY: F.T.M.

REVISÉ:

SCALE: 1" = 1000'

 = SECTION CORNERS LOCATED

BASIS OF ELEV;
U.S.G.S. 7-1/2 min QUAD (MYTON SE)

9 MILE 1-27-9-16
(Surface Location) NAD 83
LATITUDE = 40° 00' 27.31"
LONGITUDE = 110° 05' 51.91"

EXHIBIT B

#	Legal Description	Lessor & Expiration	Lessee & Operating Rights	Surface Owner
1	T9S-R16E SLM Section 21: S2 Section 22: NENE, S2 Section 23: SWSW Section 24: SESE Section 26: NENE Section 27: ALL Section 28: ALL	USA UTU-74392 HBP	Newfield Production Company Newfield RMI LLC ABO Petroleum Corporation MYCO Industries Inc OXY Y-1 Company Yates Petroleum Coproration	USA
2	T9S-R16E SLM Section 23: E2, NW, E2SW, NWSW Section 24: N2, SW, N2SE, SWSE	USA UTU-15855 HBP	Newfield Production Company Newfield RMI LLC Bee Hive Oil LLC Journey Properties LLC King Oil & Gas of Texas LTD Six Gold Oil LLC Stone Energy Corp	USA
3	T9S-R16E SLM Section 25: W2SW, SESW Section 26: SWNE, NW, N2SW, SESW, SE	USA UTU-67844 HBP	Gasco Production Company III Exploration CO III Exploration II LP QEP Energy Company	USA

ATTACHMENT C

CERTIFICATION FOR SURFACE OWNER NOTIFICATION

RE: Application for Approval of Class II Injection Well
Federal #1-27-9-16

I hereby certify that a copy of the injection application has been provided to all surface owners within a one-half mile radius of the proposed injection well.

Signed: _____

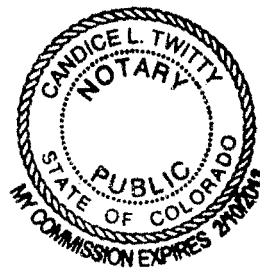
Newfield Production Company
Eric Sundberg
Regulatory Lead

Sworn to and subscribed before me this 14th day of June, 2012.

Notary Public in and for the State of Colorado: _____

Candice L. Twitty

My Commission Expires: 02/10/2013



Federal 1-27-9-16

Spud Date: 12/22/2009
 Put on Production: 5/22/2009
 GL: 5797' KB: 5809'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (315.63')
 DEPTH LANDED: 327.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5693.75'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz
 CEMENT TOP AT: 130'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55
 NO. OF JOINTS: 178 jts (5500.9')
 TUBING ANCHOR: 5512.9' KB
 NO. OF JOINTS: 1 jt (30.9')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 5546.6' KB
 NO. OF JOINTS: 1 jt (30.3')
 NOTCHED COLLAR: 2-7/8" / J-55 (5577.9')
 TOTAL STRING LENGTH: EOT @ 5578'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26' polished rod
 SUCKER RODS: 1-8" x 3/4" pony rod; 99- 3/4" guided rods (4 per); 45- 3/4" sucker rods, 71- 3/4" guided rods (4 per); 6- 1 1/2" weight bars
 PUMP SIZE: 2- 1/2" x 1- 1/2" x 17" x 20" RHAC
 STROKE LENGTH: 106"
 PUMP SPEED, SPM: 5

FRAC JOB

5/22/2009 5538-5548' Frac CP5 sds as follows:
 14,952# 20/40 sand in 296 bbls of Lightning 17 fluid. Treated w/
 ave pressure of 2493 psi @ ave rate of 26.8 BPM. ISIP 2248 psi.

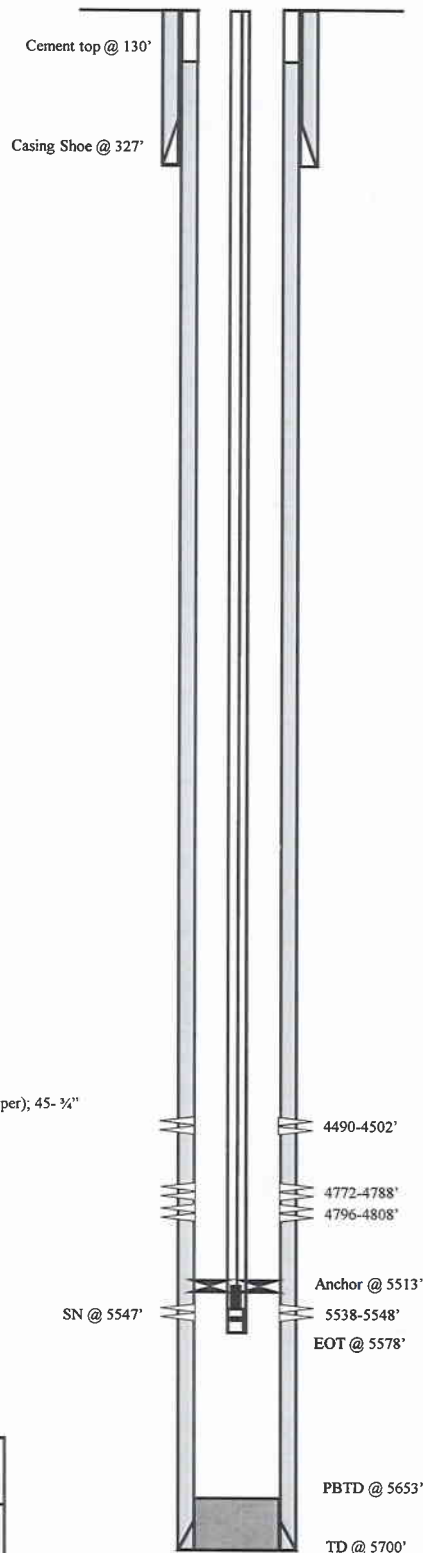
5/22/2009 4772-4808' Frac A1 sds as follows:
 125,722#s of 20/40 sand in 898 bbls of Lightning 17 fluid.
 Treated w/ ave pressure of 1798 psi @ ave rate of 26.9 BPM. ISIP
 2065 psi.

5/22/2009 4490-4502' Frac C sds as follows:
 46,703#s of 20/40 sand in 458 bbls of Lightning 17 fluid. Treated
 w/ ave pressure of 1861 psi @ ave rate of 26.9 BPM. ISIP 3554
 psi.

9/25/09 Tubing Leak. Updated rod & tubing
 detail.
 5/6/2010 Stuck plunger on pump. Updated
 rod and tubing detail.
 5/25/2010 Stuck pump. Updated rod and
 tubing detail.

PERFORATION RECORD

5/22/09	5538-5548'	4 JSPF	40 holes
5/22/09	4796-4808'	4 JSPF	48 holes
5/22/09	4772-4788'	4 JSPF	64 holes
5/22/09	4490-4502'	4 JSPF	48 holes



NEWFIELD



Federal 1-27-9-16

533' FSL & 503' FWL

NE/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33350; Lease # UTU-74392

Federal 2-27-9-16

Spud Date: 12/16/2008
 Put on Production: 4/17/2009
 GL: 5863' KB: 5875'

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (314.5')
 DEPTH LANDED: 326' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class "g" cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 LENGTH: 147 jts (5796.99')
 DEPTH LANDED: 5732'
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 280 sx primlite and 400 sx 50/50 poz
 CEMENT TOP AT: 246'

TUBING

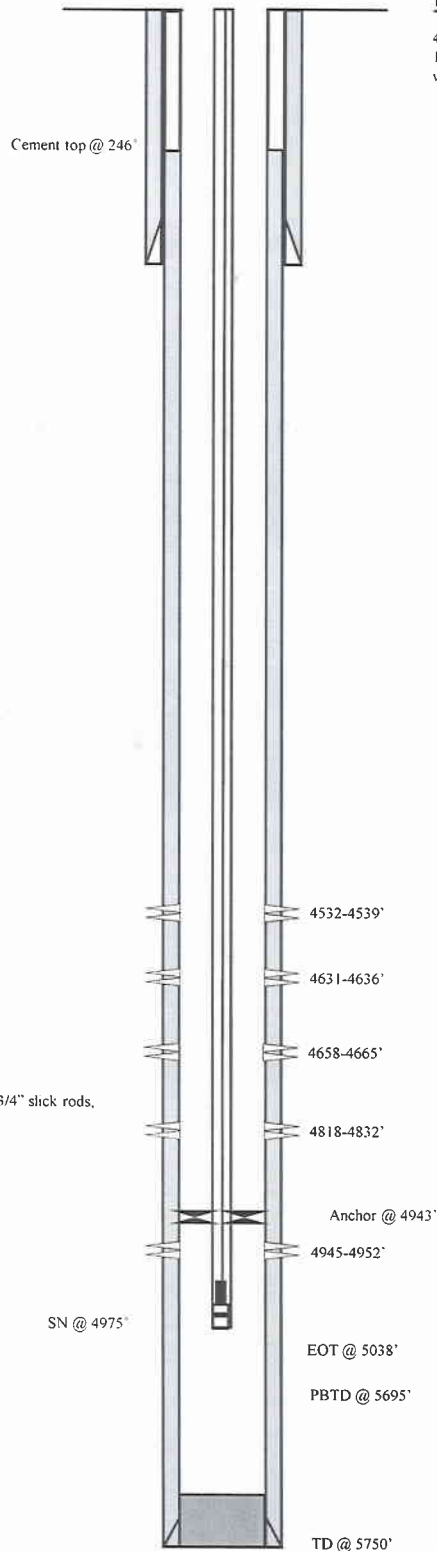
SIZE/GRADE/WT: 2-7/8" / J-55
 NO. OF JOINTS: 156 jts (4928.48')
 TUBING ANCHOR: 4943' KB
 NO. OF JOINTS: 1 jt (30.83')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4975.16' KB
 NO. OF JOINTS: 2 jts (62.21')
 TOTAL STRING LENGTH: EOT @ 5037.82'

SUCKER RODS

POLISHED ROD: 1 1/2" x 26" polished rod
 SUCKER RODS: 6-1 1/2" weight rods, 20-3/4" guided rods, 72-3/4" slick rods,
 100-3/4" guided rods, 1-4' x 3/4" pony sub
 PUMP SIZE: 2.5" x 1.5" x 16' x 20' RHAC pump
 STROKE LENGTH: 86"
 PUMP SPEED, SPM: 5

FRAC JOB

4/9/2009 4945-4952' Frac LODC sds as follows:
 15,387#s of 20/40 sand in 295 bbls of Lightning 17 fluid. Treated
 w/ ave pressure of 2803 psi w/ ave rate of 24.4 BPM. ISIP 2884

PERFORATION RECORD

4/9/09	4945-4952'	4 JSPF	28 holes
4/9/09	4818-4832'	4 JSPF	56 holes
4/9/09	4631-4636'	4 JSPF	20 holes
4/9/09	4658-4665'	4 JSPF	28 holes
4/9/09	4532-4539'	4 JSPF	28 holes

**Federal 2-27-9-16**

612' FNL & 2093' FEL

NW/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33351; Lease # UTU-74392

Federal 13-23-9-16

Attachment E-2

Spud Date: 10/5/07
Put on Production: 6/5/08
GL: 5751' KB 5763'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE 8-5/8"
GRADE J-55
WEIGHT 24#
LENGTH 7 jts (312 36')
DEPTH LANDED: 322.58' KB
HOLE SIZE 12-1/4"
CEMENT DATA 1- 160, sxs Class "G" cmt, est 4 bbls cmt to surf

PRODUCTION CASING

CSG SIZE 5-1/2"
GRADE J-55
WEIGHT 15.5#
LENGTH 150 jts (5705 08')
DEPTH LANDED: 5718 33' KB
HOLE SIZE 7-7/8"
CEMENT DATA 300 sxs Prem Lite II mixed & 400 sxs 50/50 POZ
Cement Top @ 118'

TUBING

SIZE/GRADE/WT : 2-7/8" / J-55 / 6.5#
NO OF JOINTS 173 jts (5443 5')
TUBING ANCHOR 5443 5' KB
NO OF JOINTS 1 jts (31 4')
SEATING NIPPLE 2-7/8" (1.10')
SN LANDED AT 5477 7' KB
NO OF JOINTS 2 jts (63 0')
TOTAL STRING LENGTH EOT @ 5542' KB

SUCKER RODS

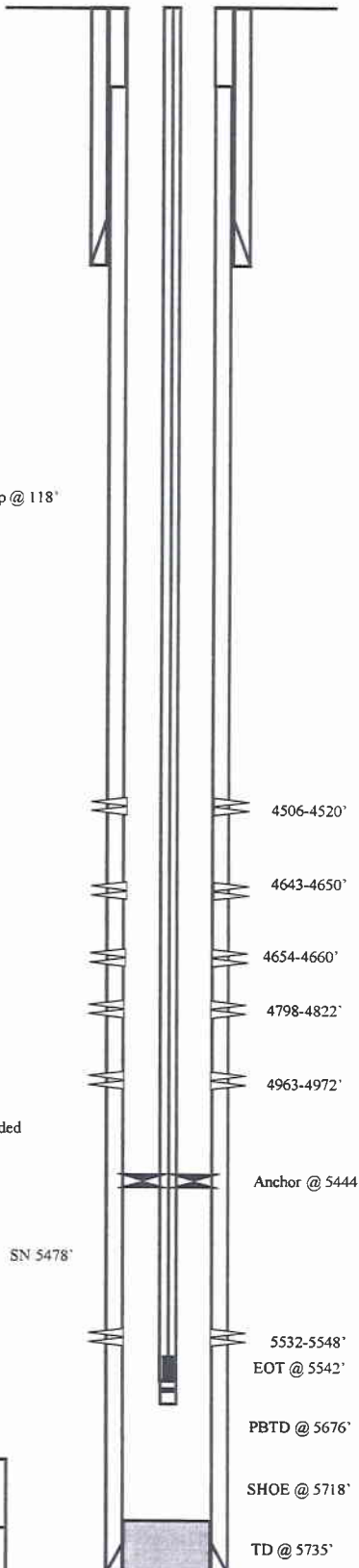
POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS 1-3' x 3/4" pony rod, 1-8' x 3/4" pony rod, 100- 3/4" guided rods, 52- 3/4" guided rods, 60- 3/4" guided rods, 6- 1 1/2" weight bars
PUMP SIZE CDI 2-1/2" x 1-1/2" x 14' x 16' RHAC
STROKE LENGTH 74"
PUMP SPEED, SPM: 5

FRAC JOB

10/26/07	5532-5548'	Frac CP5 sands as follows: 89901# 20/40 sand in 710 bbls Lightning 17 frac fluid Treated @ avg press of 1990 psi w/avg rate of 24.8 BPM ISIP 2180 psi
10/26/07	4963-4972'	Frac LODC sands as follows: 56448# 20/40 sand in 493 bbl Lightning 17 frac fluid Treated @ avg press of 2830 psi w/avg rate of 24.8 BPM ISIP 3045 psi
06/03/08	4798-4822'	Frac A1 sands as follows: 159955# 20/40 sand in 1112 bbls Lightning 17 frac fluid Treated @ avg press of 1807 psi w/avg rate of 26.6 BPM ISIP 1971 psi
06/03/08	4643-4600'	Frac B2 sands as follows: 99834# 20/40 sand in 748 bbls Lightning 17 frac fluid Treated @ avg press of 1930 psi w/avg rate of 25.5 BPM ISIP 2135 psi
06/03/08	4874-4888'	Frac C sands as follows: 79546# 20/40 sand in 617 bbls Lightning 17 frac fluid Treated @ avg press of 2034 psi w/avg rate of 26.3 BPM ISIP 1907 psi
3/16/10		Pump change Updated rod and tubing detail
1/8/2011		Pump Change Update rod and tubing details

PERFORATION RECORD

5532-5548'	4 JSPF	64 holes
4963-4972'	4 JSPF	36 holes
4798-4822'	4 JSPF	96 holes
4654-4660'	4 JSPF	24 holes
4643-4650'	4 JSPF	28 holes
4506-4520'	4 JSPF	56 holes



NEWFIELD

Federal 13-23-9-16

612' FSL & 466' FWL

SW/SW Section 23-T9S-R16E

Duchesne Co, Utah

API #43-013-33180; Lease # UTU-74392

CB 3/15/2011

FEDERAL 16-22-9-16

Spud Date: 08/27/07
Put on Production: 10/10/07
GL: 5800' KB: 5812'

Initial Production: BOPD,
MCFD, BWPD

Wellbore Diagram

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (293.76')
DEPTH LANDED: 305.61' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 6 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: ? jts (')
DEPTH LANDED: 6051' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 350 sxs Prem. Lite II mixed & 525 sxs 50/50 POZ.
CEMENT TOP: 39'

TUBING

SIZE/GRADE/WT.: 2-7/8" / J-55 / 6.5#
NO. OF JOINTS: 162 jts (4993.8')
TUBING ANCHOR: 5005.8' KB
NO. OF JOINTS: 2 jts (64.1')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5072.8'
NO. OF JOINTS: 2 jts (61.40')
TOTAL STRING LENGTH: EOT @ 5136' KB

SUCKER RODS

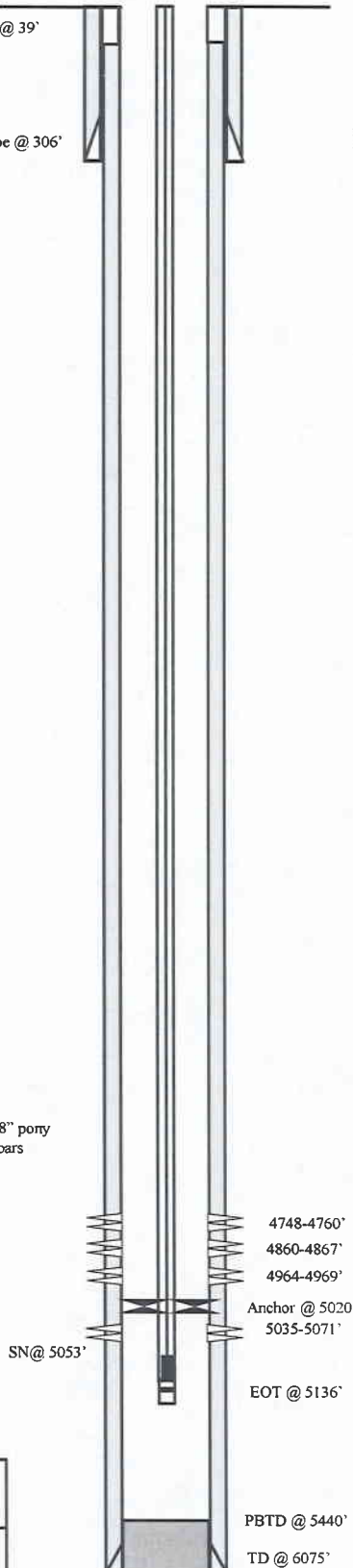
POLISHED ROD: 1-1/2" x 26' SM polished rods
SUCKER RODS: 2-4' x 7/8" pony rods, 1-4' x 7/8" pony rod, 1-6' x 7/8" pony rod, 197-7/8" guided rods (8 per), 4-3' x 1" pony rods, 4-1 1/2" weight bars
PUMP SIZE: CDI 2-1/2" x 1-3/4" x 16 x 20 RHAC
STROKE LENGTH: 123"
PUMP SPEED, SPM: 5

FRAC JOB

10/05/07	5035-5071'	Frac A1 sands as follows: 140366# 20/40 sand in 1008 bbl Lightning 17 frac fluid. Treated @ avg press of 1851 psi w/avg rate of 24.8 BPM. ISIP 2081 psi. Calc flush: 5033 gal. Actual flush: 4536 gal.
10/06/07	4964-4969'	Frac A.5 sands as follows: 15004# 20/40 sand in 274 bbls Lightning 17 frac fluid. Treated @ avg press of 2605 psi w/avg rate of 24.8 BPM. ISIP 1909 psi. Calc flush: 4962 gal. Actual flush: 4456 gal.
10/05/07	4860-4867'	Frac B2 sands as follows: 13965# 20/40 sand in 269 bbls Lightning 17 frac fluid. Treated @ avg press of 2130 psi w/avg rate of 24.8 BPM. ISIP 1925 psi. Calc flush: 4858 gal. Actual flush: 4355 gal.
10/05/07	4748-4760'	Frac C sands as follows: 41811# 20/40 sand in 406 bbls Lightning 17 frac fluid. Treated @ avg press of 2620 psi w/avg rate of 24.8 BPM. ISIP 2235 psi. Calc flush: 4746 gal. Actual flush: 4662 gal.
6/17/08		parted rods. Updated rod and tubing detail
11/19/08		Pump Change. Updated rod & tubing details.
2/13/09		Tubing Leak. Updated r & t details.
6/18/2010		Tubing leak. Updated rod and tubing detail

PERFORATION RECORD

10/02/07	5035-5071'	4 JSPF	144 holes
10/05/07	4964-4969'	4 JSPF	20 holes
10/05/07	4860-4867'	4 JSPF	28 holes
10/05/07	4748-4760'	4 JSPF	48 holes



NEWFIELD

FEDERAL 16-22-9-16

2068'FSL & 649' FEL

NE/SE Section 22-T9S-R16E

Duchesne Co, Utah

API #43-013-33394; Lease # UTU-74392

Federal 15-22-9-16

Spud Date: 4/17/2007
Put on Production: 6-18-2007

GL: 5846' KB: 5858'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (304 31")
DEPTH LANDED: 316 16' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts (5764 96')
DEPTH LANDED: 5768 96' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ
CEMENT TOP AT: Surface

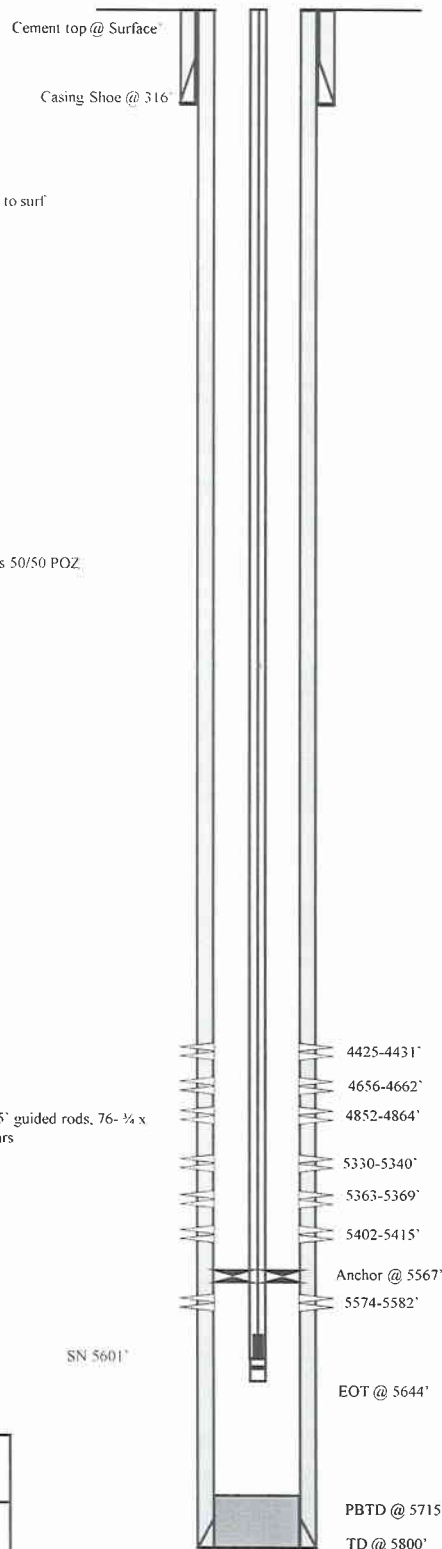
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO OF JOINTS: 181 jts (5532 55')
TUBING ANCHOR: 5567 15'
NO OF JOINTS: 1 jts (32 45')
SEATING NIPPLE: 2-7/8" (1 10')
SN LANDED AT: 5600 70'
NO OF JOINTS: 1 jt (29 21')
TOTAL STRING LENGTH: EOT @ 5643 65'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-6", 1-2" x 3/4" pony rods, 101- 3/4 x 25" guided rods, 76- 3/4 x 25" slick rods, 40- 3/4 x 25" guided rods, 6-1 1/2 x 25" wt bars
PUMP SIZE: CDI 2-1/2" x 1-1/2" x 20" x 15 1/2" RHAC
STROKE LENGTH: 100"
PUMP SPEED, SPM: 4.5 SPM

Wellbore Diagram



Initial Production: BOPD
MCFD, BWPD

FRAC JOB

06-11-07 5574-5582' **Frac CP5 sands as follows:**
19614# 20/40 sand in 325 bbls Lightning 17
frac fluid Treated @ avg press of 2433 psi
w/avg rate of 24 8 BPM ISIP 2430 psi Calc
flush 5572 gal Actual flush 5124 gal

06-11-07 5330-5415' **Frac CP3, CP2, & CP1 sands as follows:**
34912# 20/40 sand in 403 bbls Lightning 17
frac fluid Treated @ avg press of 2224 psi
w/avg rate of 24 8 BPM ISIP 1976 psi Calc
flush 4328 gal Actual flush 4872 gal


06-11-07 4852-4864' **Frac A1 sands as follows:**
19473# 20/40 sand in 287 bbls Lightning 17
frac fluid Treated @ avg press of 1777 psi
w/avg rate of 24 8 BPM ISIP 1860 psi Calc
flush 4850 gal Actual flush 4410 gal

06-11-07 4656-4662' **Frac B1 sands as follows:**
14664# 20/40 sand in 237 bbls Lightning 17
frac fluid Treated @ avg press of 1924 w/
avg rate of 24 8 BPM ISIP 1720 psi Calc
flush 4654 gal Actual flush: 4200 gal

06-11-07 4425-4431' **Frac D1 sands as follows:**
22099# 20/40 sand in 274 bbls Lightning 17
frac fluid Treated @ avg press of 2182 w/
avg rate of 24 8 BPM ISIP 1700 psi Calc
flush: 4423 gal Actual flush: 3948 gal
Pump change: Updated rod & tuning detail
7/23/07
05/29/08
5/11/09
Tubing Leak: Updated r & t details

PERFORATION RECORD

Date	Depth Range	Tool Joint	Holes
06-07-07	5574-5582'	4 JSPF	32 holes
06-11-07	5402-5415'	4 JSPF	52 holes
06-11-07	5363-5369'	4 JSPF	24 holes
06-11-07	5330-5340'	4 JSPF	40 holes
06-11-07	4852-4864'	4 JSPF	48 holes
06-11-07	4656-4662'	4 JSPF	24 holes
06-11-07	4425-4431'	4 JSPF	24 holes


Federal 15-22-9-16 355' FSL & 1987' FEL SW/SE Section 22-T9S-R16E Duchesne Co, Utah API # 43-013-33167; Lease # UTU-74392

Federal 9-22-9-16

Spud Date: 4-19-2007
Put on Production: 6-08-2007

GL: 5803' KB: 5815'

SURFACE CASING

CSG SIZE: 8-5/8"
GRADE: J-55
WEIGHT: 24#
LENGTH: 7 jts (309.25')
DEPTH LANDED: 322.91' KB
HOLE SIZE: 12-1/4"
CEMENT DATA: 160 sxs Class "G" cmt, est 5 bbls cmt to surf

PRODUCTION CASING

CSG SIZE: 5-1/2"
GRADE: J-55
WEIGHT: 15.5#
LENGTH: 133 jts (5855.48')
DEPTH LANDED: 5852.48' KB
HOLE SIZE: 7-7/8"
CEMENT DATA: 325 sxs Prem Lite II mixed & 425 sxs 50/50 POZ
CEMENT TOP AT: 68'

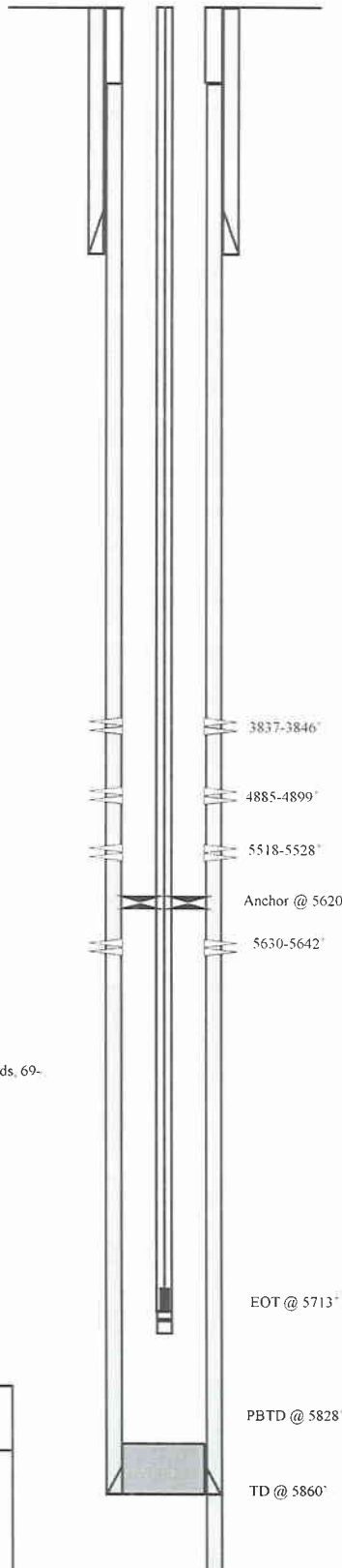
TUBING

SIZE/GRADE/WT: 2-7/8" / J-55
NO OF JOINTS: 182 jts (5608')
TUBING ANCHOR: 5620'
NO OF JOINTS: 1 jts (28.32')
SEATING NIPPLE: 2-7/8" (1.10')
SN LANDED AT: 5651'
NO OF JOINTS: 2 jts (60.92')
TOTAL STRING LENGTH: EOT @ 5713'

SUCKER RODS

POLISHED ROD: 1-1/2" x 26'
SUCKER RODS: 1-2", 4", 6" x 8" X 3/4" pony rods, 99- 3/4" guided rods, 69- 3/4" sucker rods, 50- 3/4" guided rods, 6- 1 1/2" sinker bars.
PUMP SIZE: 2-1/2" x 1-1/4" x 16" x 22" RHAC
STROKE LENGTH: 120"
PUMP SPEED, SPM: 5 SPM

Wellbore Diagram




Initial Production: BOPD.
MCFD, BWPD

FRAC JOB

06-05-07	5630-5642'	Frac CP5 sands as follows: 39984# 20/40 sand in 405 bbls Lightning 17 frac fluid. Treated @ avg press of 1953 psi w/avg rate of 24.7 BPM. ISIP 2165 psi. Calc flush 5328 gal. Actual flush 5208 gal.
06-05-07	5518-5528'	Frac CP4 sands as follows: 25037# 20/40 sand in 336 bbls Lightning 17 frac fluid. Treated @ avg press of 2283 psi w/avg rate of 24.7 BPM. ISIP 2241 psi. Calc flush 5516 gal. Actual flush 4998 gal.
06-05-07	4885-4899'	Frac A1 sands as follows: 59792# 20/40 sand in 485 bbls Lightning 17 frac fluid. Treated @ avg press of 1701 psi w/avg rate of 24.7 BPM. ISIP 2240 psi. Calc flush 4883 gal. Actual flush 4368 gal.
06-05-07	3837-3846'	Frac GB2 sands as follows: 35741# 20/40 sand in 345 bbls Lightning 17 frac fluid. Treated @ avg press of 1806 w/avg rate of 24.7 BPM. ISIP 2950 psi. Calc flush 3835 gal. Actual flush 3738 gal.
12-13-07		Pump Change. Updated rod & tubing details.
1-30-08		Pump Change. Updated rod & tubing details.
8-29-08		Pump Change. Updated rod & tubing details.
1/23/09		Pump Change. Updated r & t details.
10/05/11		Pump Change. Rods & tubing updated.

PERFORATION RECORD

05-30-07	5630-5642'	4 JSPF	48 holes
06-05-07	5518-5528'	4 JSPF	40 holes
06-05-07	4885-4899'	4 JSPF	96 holes
06-05-07	3837-3846'	4 JSPF	36 holes


Federal 9-22-9-16 2079' FNL & 668' FEL NE/SE Section 22-T9S-R16E Duchesne Co, Utah API # 43-013-33175; Lease # UTU-74392

API# 43-013-31477

Well Name: UTD Walton 26-03
 Location: NENW Sec. 26, T9S, R16E
 Field: Monument Butte
 Spud Date: 12/31/95
 Completed: 7/30/97

Date: 7/30/97
 County: Duchesne
 State: Utah
 KB: 5836' (11)
 GL: 5825'

Surface Casing —————→
 8-5/8" 24# set @ 303'
 Cemented w/165 sks Class G

Production Casing —————→
 5-1/2" 15.5# & 17# set @ 5950'

Tubing: New completion —————→
 Note: Tubing tested to 500#
 2-7/8" 6.5# EUE 8rd J-55 (177 jts)
 "T" Anchor @ 5570' w/15,000# tension
 8 jts. 2-7/8" 6.5# tubing
 SN @ 5824'
 1 jt. 2-7/8" 6.5# tubing
 NC (tubing tail) @ 5856' —————→

Rod & Pump Detail

1 - 2' x 7/8" pony rod
 1 - 4' x 7/8" pony rod
 1 - 8' x 7/8" pony rod
 77 - 7/8" plain rods
 155 - 3/4" plain rods
 Pump - 2-1/2" x 1-1/4" x 16' RHAC

Perfs:
 4860'-4870' & 4856' - 4873' (squeezed)

Perfs:
 5583' - 5597'
 5689' - 5845'

PBTD 5914'

TD 5950'

IP: 20 BOD (8/20/97)
 0 BWD
 Est. 20 MCFD

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Darren Betts**Well Name: **BELUGA INJECTION**Lab Tech: **Gary Peterson**Sample Point: **After production filter**Sample Date: **12/9/2011**Sample ID: **WA-204146**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	12/9/2011	Sodium (Na):	13791.93	Chloride (Cl):	20000.00
System Temperature 1 (°F):	300.00	Potassium (K):	35.40	Sulfate (SO4):	480.00
System Pressure 1 (psig):	3000.00	Magnesium (Mg):	13.30	Bicarbonate (HCO3):	1854.40
System Temperature 2 (°F):	70.00	Calcium (Ca):	38.50	Carbonate (CO3):	0.00
System Pressure 2 (psig):	14.70	Strontium (Sr):	0.00	Acetic Acid (CH3COO)	0.00
Calculated Density (g/ml):	1.02	Barium (Ba):	6.73	Propionic Acid (C2H5COO)	0.00
pH:	8.60	Iron (Fe):	15.50	Butanoic Acid (C3H7COO)	0.00
Calculated TDS (mg/L):	36236.98	Zinc (Zn):	0.00	Isobutyric Acid ((CH3)2CHCOO)	0.00
CO2 in Gas (%):	0.00	Lead (Pb):	0.81	Fluoride (F):	0.00
Dissolved CO2 (mg/L):	0.00	Ammonia NH3:	0.00	Bromine (Br):	0.00
H2S in Gas (%):	0.00	Manganese (Mn):	0.41	Silica (SiO2):	0.00
H2S in Water (mg/L):	25.00				

Notes:

P=15.5 mg/l

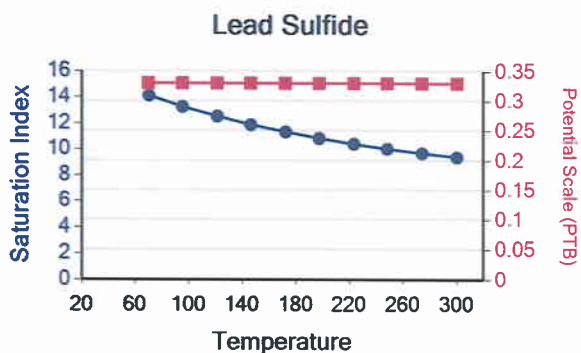
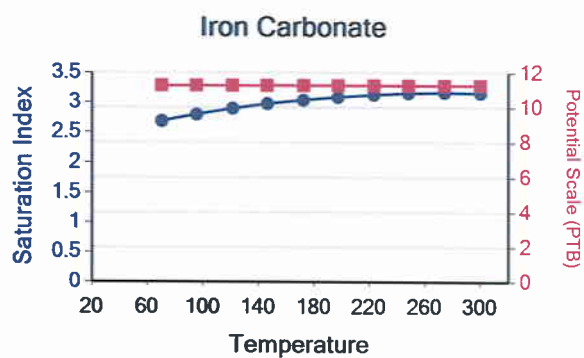
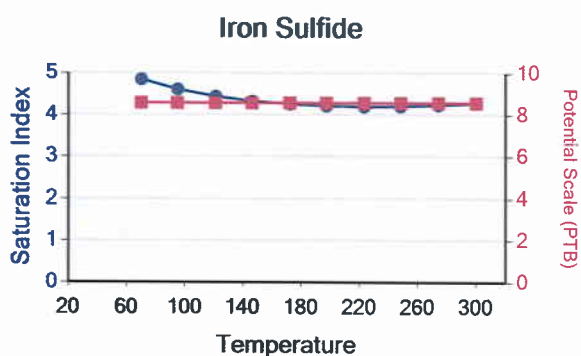
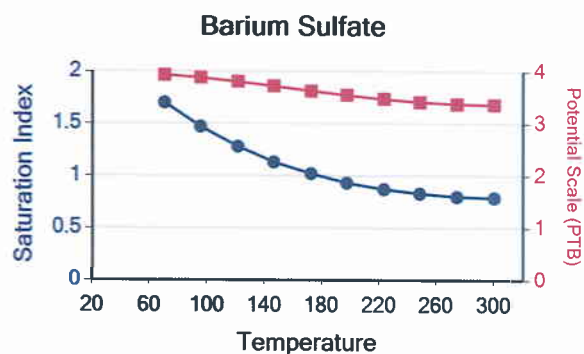
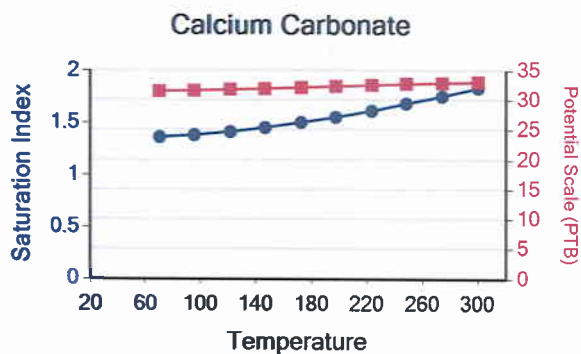
(PTB = Pounds per Thousand Barrels)

		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO4·2H2O		Celestite SrSO4		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	1.36	31.45	1.70	3.93	4.85	8.55	2.69	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
95	346	1.38	31.56	1.47	3.87	4.61	8.55	2.80	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
121	678	1.41	31.71	1.28	3.80	4.44	8.55	2.90	11.25	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	1.45	31.89	1.13	3.71	4.32	8.55	2.98	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	1.50	32.08	1.02	3.62	4.25	8.55	3.04	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	1.55	32.28	0.93	3.54	4.21	8.55	3.09	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	1.61	32.48	0.87	3.46	4.19	8.55	3.13	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	1.68	32.68	0.83	3.41	4.20	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	1.75	32.85	0.80	3.37	4.23	8.55	3.17	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	1.83	33.00	0.79	3.35	4.27	8.55	3.16	11.26	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00

		Hemihydrate CaSO4~0.5H2O		Anhydrate CaSO4		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
70	14	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	14.14	0.33	0.00	0.00	0.00	0.00	0.00	0.00
95	346	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	13.28	0.33	0.00	0.00	0.00	0.00	0.00	0.00
121	678	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	12.54	0.33	0.00	0.00	0.00	0.00	0.00	0.00
146	1009	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.89	0.33	0.00	0.00	0.00	0.00	0.00	0.00
172	1341	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	11.34	0.33	0.00	0.00	0.00	0.00	0.00	0.00
197	1673	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.85	0.33	0.00	0.00	0.00	0.00	0.00	0.00
223	2004	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.42	0.33	0.00	0.00	0.00	0.00	0.00	0.00
248	2336	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	10.04	0.33	0.00	0.00	0.00	0.00	0.00	0.00
274	2668	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.70	0.33	0.00	0.00	0.00	0.00	0.00	0.00
300	3000	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	9.39	0.33	0.00	0.00	0.00	0.00	0.00	0.00

These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Lead Sulfide



Units of Measurement: **Standard**

Water Analysis Report

Production Company: **NEWFIELD PRODUCTION**Sales Rep: **Michael McBride**Well Name: **FEDERAL 1-27-9-16**Lab Tech: **Gary Peterson**

Sample Point:

Sample Date: **5/16/2012**Sample ID: **WA-215016**Scaling potential predicted using ScaleSoftPitzer from
Brine Chemistry Consortium (Rice University)

Sample Specifics		Analysis @ Properties in Sample Specifics			
		Cations	mg/L	Anions	mg/L
Test Date:	6/5/2012	Sodium (Na):	8513.65	Chloride (Cl):	12200.00
System Temperature 1 (°F):	200.00	Potassium (K):	57.00	Sulfate (SO ₄):	190.00
System Pressure 1 (psig):	2000.0000	Magnesium (Mg):	64.90	Bicarbonate (HCO ₃):	2440.00
System Temperature 2 (°F):	60.00	Calcium (Ca):	214.00	Carbonate (CO ₃):	0.00
System Pressure 2 (psig):	60.0000	Strontium (Sr):	0.00	Acetic Acid (CH ₃ COO)	0.00
Calculated Density (g/ml):	1.013	Barium (Ba):	1.10	Propionic Acid (C ₂ H ₅ COO)	0.00
pH:	9.80	Iron (Fe):	6.70	Butanoic Acid (C ₃ H ₇ COO)	0.00
Calculated TDS (mg/L):	23687.56	Zinc (Zn):	0.10	Isobutyric Acid ((CH ₃) ₂ CHCOO)	0.00
CO ₂ in Gas (%):	0.00	Lead (Pb):	0.04	Fluoride (F):	0.00
Dissolved CO ₂ (mg/L):	0.00	Ammonia NH ₃ :		Bromine (Br):	0.00
H ₂ S in Gas (%):	0.00	Manganese (Mn):	0.07	Silica (SiO ₂):	0.00
H ₂ S in Water (mg/L):	120.00				

Notes:

(PTB = Pounds per Thousand Barrels)

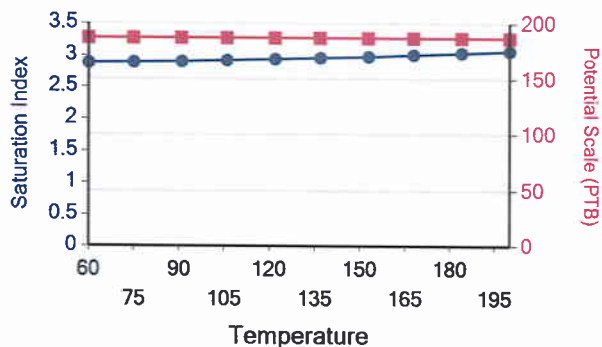
		Calcium Carbonate		Barium Sulfate		Iron Sulfide		Iron Carbonate		Gypsum CaSO ₄ ·2H ₂ O		Celestite SrSO ₄		Halite NaCl		Zinc Sulfide	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
60.00	60.00	2.88	186.91	0.79	0.55	6.34	3.70	2.94	4.86	0.00	0.00	0.00	0.00	0.00	0.00	13.04	0.05
75.00	275.00	2.89	186.92	0.62	0.50	6.17	3.70	3.02	4.87	0.00	0.00	0.00	0.00	0.00	0.00	12.68	0.05
91.00	491.00	2.90	186.93	0.47	0.43	6.03	3.70	3.08	4.87	0.00	0.00	0.00	0.00	0.00	0.00	12.36	0.05
106.00	706.00	2.92	186.95	0.35	0.36	5.91	3.70	3.15	4.87	0.00	0.00	0.00	0.00	0.00	0.00	12.06	0.05
122.00	922.00	2.94	186.96	0.24	0.28	5.81	3.70	3.20	4.87	0.00	0.00	0.00	0.00	0.00	0.00	11.78	0.05
137.00	1137.00	2.96	186.98	0.15	0.19	5.73	3.70	3.25	4.87	0.00	0.00	0.00	0.00	0.00	0.00	11.53	0.05
153.00	1353.00	2.98	187.00	0.07	0.09	5.66	3.70	3.30	4.87	0.00	0.00	0.00	0.00	0.00	0.00	11.30	0.05
168.00	1568.00	3.01	187.02	0.00	0.00	5.61	3.70	3.34	4.87	0.00	0.00	0.00	0.00	0.00	0.00	11.09	0.05
184.00	1784.00	3.04	187.03	0.00	0.00	5.56	3.70	3.38	4.87	0.00	0.00	0.00	0.00	0.00	0.00	10.88	0.05
200.00	2000.00	3.07	187.05	0.00	0.00	5.53	3.70	3.41	4.87	0.00	0.00	0.00	0.00	0.00	0.00	10.69	0.05

		Hemihydrate CaSO ₄ ·0.5H ₂ O		Anhydrite CaSO ₄		Calcium Fluoride		Zinc Carbonate		Lead Sulfide		Mg Silicate		Ca Mg Silicate		Fe Silicate	
Temp (°F)	PSI	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB	SI	PTB
60.00	60.00	0.00	0.00	0.00	0.00	0.00	0.00	0.36	0.04	15.19	0.02	0.00	0.00	0.00	0.00	0.00	0.00
75.00	275.00	0.00	0.00	0.00	0.00	0.00	0.00	0.59	0.05	14.61	0.02	0.00	0.00	0.00	0.00	0.00	0.00
91.00	491.00	0.00	0.00	0.00	0.00	0.00	0.00	0.80	0.06	14.09	0.02	0.00	0.00	0.00	0.00	0.00	0.00
106.00	706.00	0.00	0.00	0.00	0.00	0.00	0.00	0.99	0.06	13.61	0.02	0.00	0.00	0.00	0.00	0.00	0.00
122.00	922.00	0.00	0.00	0.00	0.00	0.00	0.00	1.16	0.06	13.18	0.02	0.00	0.00	0.00	0.00	0.00	0.00
137.00	1137.00	0.00	0.00	0.00	0.00	0.00	0.00	1.31	0.06	12.77	0.02	0.00	0.00	0.00	0.00	0.00	0.00
153.00	1353.00	0.00	0.00	0.00	0.00	0.00	0.00	1.45	0.07	12.40	0.02	0.00	0.00	0.00	0.00	0.00	0.00
168.00	1568.00	0.00	0.00	0.00	0.00	0.00	0.00	1.58	0.07	12.05	0.02	0.00	0.00	0.00	0.00	0.00	0.00
184.00	1784.00	0.00	0.00	0.00	0.00	0.00	0.00	1.68	0.07	11.73	0.02	0.00	0.00	0.00	0.00	0.00	0.00
200.00	2000.00	0.00	0.00	0.00	0.00	0.00	0.00	1.78	0.07	11.43	0.02	0.00	0.00	0.00	0.00	0.00	0.00

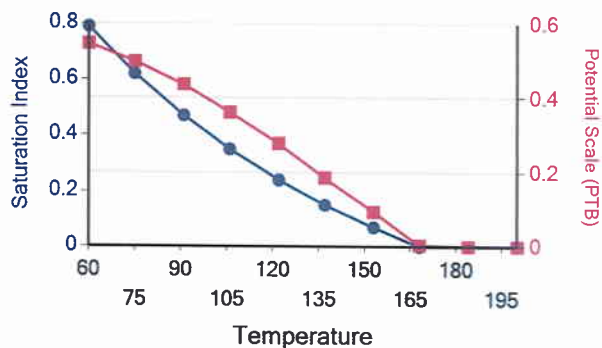
These scales have positive scaling potential under initial temperature and pressure: Calcium Carbonate Barium Sulfate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

These scales have positive scaling potential under final temperature and pressure: Calcium Carbonate Iron Sulfide Iron Carbonate Zinc Sulfide Zinc Carbonate Lead Sulfide

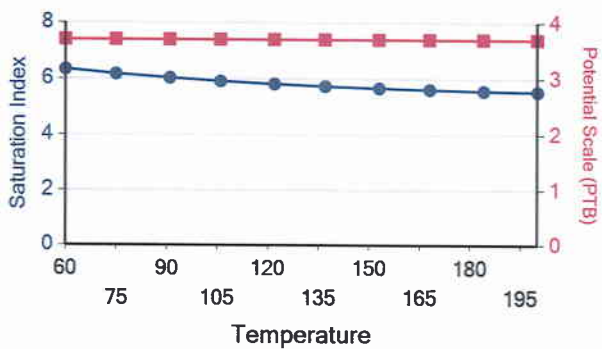
Calcium Carbonate



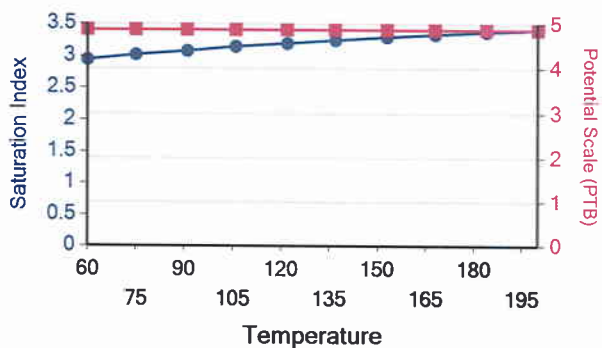
Barium Sulfate



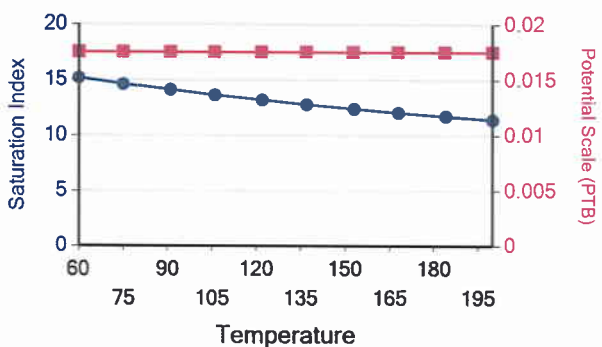
Iron Sulfide



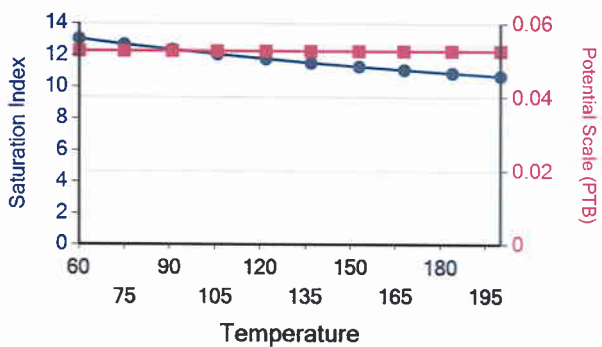
Iron Carbonate

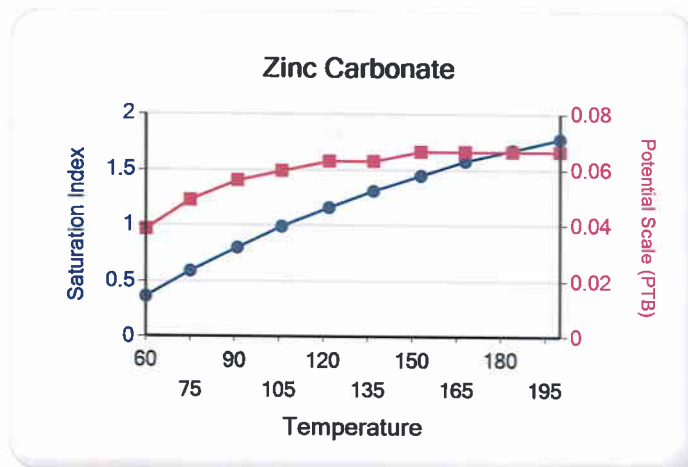


Lead Sulfide



Zinc Sulfide





Attachment "G"

Federal #1-27-9-16 Proposed Maximum Injection Pressure

Frac Interval (feet)		Avg. Depth (feet)	ISIP (psi)	Calculated Frac Gradient (psi/ft)	Pmax
Top	Bottom				
5538	5548	5543	2248	0.84	2212
4772	4808	4790	2065	0.87	2034 ←
4490	4502	4496	3554	1.22	3525
				Minimum	<u>2034</u>

Calculation of Maximum Surface Injection Pressure

$P_{max} = (\text{Frac Grad} - (0.433 \times 1.015)) \times \text{Depth of Top Perf}$
 where pressure gradient for the fresh water is .433 psi/ft and
 specific gravity of the injected water is 1.015.

$\text{Frac Gradient} = (\text{ISIP} + (0.433 \times \text{Top Perf.})) / \text{Top Perf.}$

Please note: These are existing perforations; additional perforations may be added during the actual conversion procedure.

Daily Activity Report**ATTACHMENT G-1**

1 of 2

Format For Sundry

FEDERAL 1-27-9-16**3/1/2009 To 7/30/2009****5/11/2009 Day: 1****Completion**

Rigless on 5/11/2009 - (5-13-09) MIRU Perforators LLC, Run CBL under pressure. Pressure test csg & BOP to 4500 psi. Perforate Stage #1. RDMO WL. 134 BWTR. - (5-13-09) Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5619' cement top @ 130'. Perforate stage #1. CP5 sds @ 5538- 48' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 134 BWTR. SIFN.

Daily Cost: \$0**Cumulative Cost: \$11,678**

5/19/2009 Day: 2**Completion**

Rigless on 5/19/2009 - 5/19/09 Frac 3 stages & flow well back. - Stage #2, A1 sands. RU BJ Services. 1550 psi on well. Frac A1 sds w/ 125,722#'s of 20/40 sand in 898 bbls of Lightning 17 fluid. Broke @ 4080 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1798 psi @ ave rate of 26.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2065 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 4570'. Perforate C sds @ 4490-4502' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 48 shots. 1328 BWTR - Stage #1, CP5 sands. RU BJ Services. 21 psi on well. Frac CP5 sds w/ 14,952#'s of 20/40 sand in 296 bbls of Lightning 17 fluid. Broke @ 2392 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2493 psi @ ave rate of 26.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2248 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' & 12' perf guns. Set plug @ 4880'. Perforate A1 sds @ 4796-4808' & 4772-88' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 112 shots. 430 BWTR - Stage #3, C sands. RU BJ Services. 1650 psi on well. Frac C sds w/ 46,703#'s of 20/40 sand in 458 bbls of Lightning 17 fluid. Broke @ 4042 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1861 psi @ ave rate of 26.9 BPM. ISIP 3554 psi. 1786 BWTR. Open well for immediate flowback @ 3-4 BPM. Well flowed for 4 hours & died. SWIFN. Recovered 580 bbls. 1206 BWTR.

Daily Cost: \$0**Cumulative Cost: \$75,253**

5/20/2009 Day: 3**Completion**

Nabors #1111 on 5/20/2009 - 5-20-09 MIRUSU. Drlg plugs. - MIRUSU. Open well w/ 5 psi on casing. RD Cameron BOP's & frac head. Instal 3M production head & Schafer BOP's. PU 4-3/4" used Chomp mill & x-over sub. Tally & pickup new 2-7/8", 6.5#, J-55 tbg & TIH to tag sand @ 4558'. RU swivel , pump & tanks. C/O to plug @ 4572'. Drlg out plug #1. TIH w/ tbg to tag sand @ 4867'. Swivel broke down. C/O to plug @ 4880'. SIFN.

Daily Cost: \$0**Cumulative Cost: \$124,635**

5/21/2009 Day: 4**Completion**

2 of 2

Nabors #1111 on 5/21/2009 - Clean well out & TOOH w/ tbg. - open well w/ psi on casing. RU swivel. Drlg out Plug #2 @ 4880'. TIH w/ tbg to tag fill @ 5522'. C/O to PBTD @ 5653'. LD 3 jts tbg. RU swab equipment. Mad 16 runs & rec'd 153 bbls of fluid. IFL was surface. FFL was 900'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to tag no new sand. Circulate well clean. TOOH w/ tbg. LD mill & x-over sub. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$132,824

5/22/2009 Day: 5**Completion**

Nabors #1111 on 5/22/2009 - 5-22-09 Put well on pump. - Open well w/ 10 psi on casing. RU NC, 1 jt tbg, SN, 1 jt tbg, TA new Central Hydraulic w/ 45,000# shear, 168 jts tbg. RD BOP's. Set TA @ 5519' w/ 18,000#'s tension w/ SN @ 5552' & EOT @ 5582'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Central Hydraulic RHAC pump w/ 180"SL, 6- 1-1/2" weight rods, 20- 3/4" guidd rods, 95- 3/4" plain rods, 100- 3/4" guided rods, 1-1/2" x 26" polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 4PM w/ 106"SL @ 4.5 spm w/ 1050 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0**Cumulative Cost:** \$169,276

Pertinent Files: Go to File List

ATTACHMENT H

WORK PROCEDURE FOR PLUGGING AND ABANDONMENT

1. Set CIBP @ 4440'
2. Plug #1 Set 100' plug on top of CIBP using 12 sx Class "G" cement
3. Plug #2 170' balance plug using 20 sx Class "G" cement 50' above Trona-Bird's Nest extending 50' below base of Mahogany Oil Shale
4. Plug #3 120' balance plug using 14sx Class "G" cement 60' above Uinta/Green River and extending 60' below
5. Plug #4 Pump 43 sx Class "G" cement down 5 ½" casing to 377'

The approximate cost to plug and abandon this well is \$42,000.

Federal 1-27-9-16

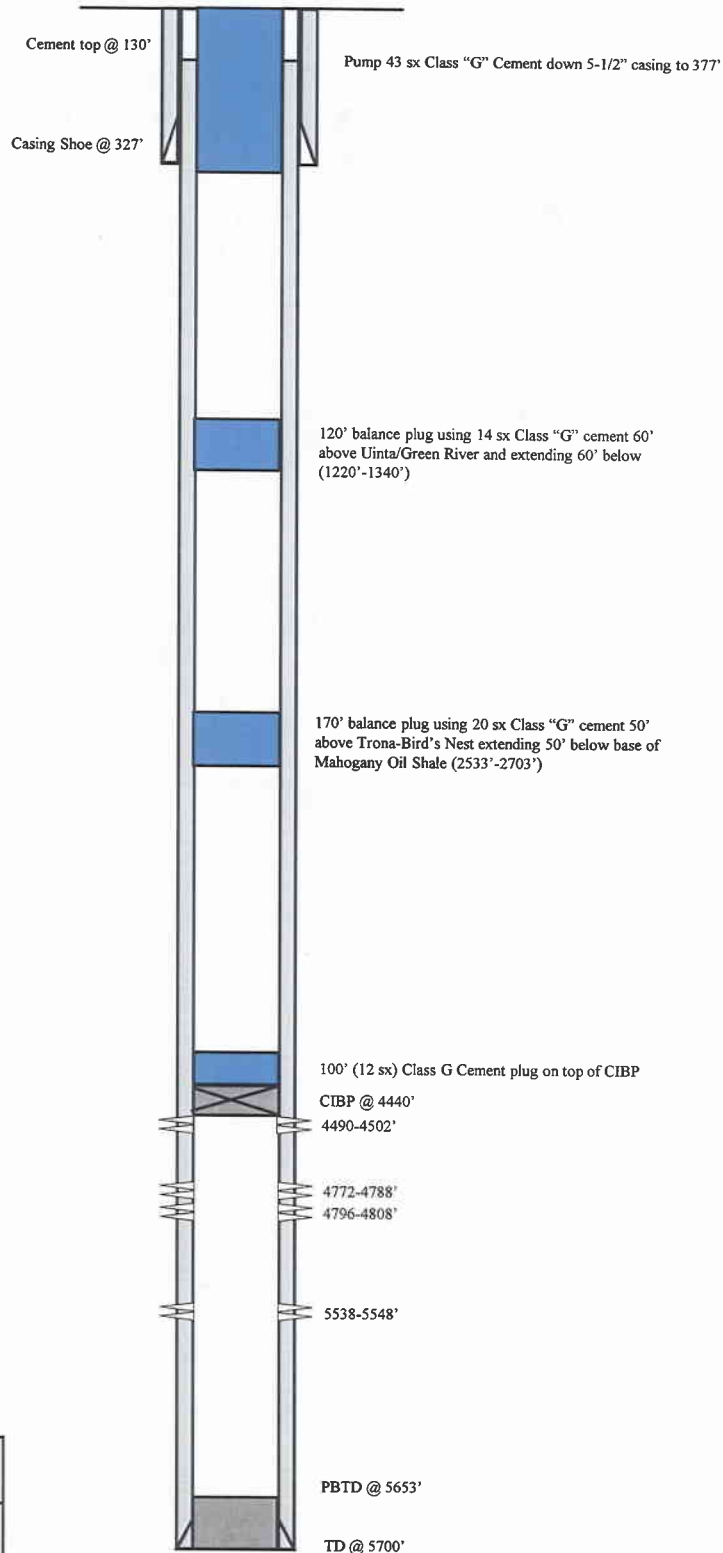
Spud Date: 12/22/2009
 Put on Production: 5/22/2009
 GL: 5797' KB: 5809'

Proposed P & A
Wellbore DiagramSURFACE CASING

CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (315.63')
 DEPTH LANDED: 327.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5693.75
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx primlite and 400 sx 50/50 poz
 CEMENT TOP AT: 130'

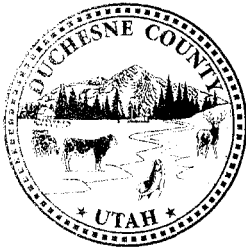
**Federal 1-27-9-16**

533' FSL & 503' FWL

NE/NE Section 27-T9S-R16E

Uintah Co, Utah

API # 43-013-33350; Lease # UTU-74392



*Duchesne County Planning, Zoning
& Community Development
734 North Center Street
P.O. Box 317
Duchesne, Utah 84021
(435) 738-1152
Fax (435) 738-5522*

June 26, 2012

Mr. Brad Hill, Permitting Manager
Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

RECEIVED

JUN 27 2012

DIV. OF OIL, GAS & MINING

RE: Newfield Production Company Injection Wells (Causes No UIC-395 & 396)

Dear Mr. Hill:

We are in receipt of your notice regarding Newfield Production Company's request to convert 30 wells, located in Sections 5, 8, 9, 11, 12, 13, 16, 17, 18, 19, 21, 22, 23, 24, 27, 29 and 30, Township 9 South, Range 16 East, Duchesne County, to Class II injection wells.

Duchesne County is supportive of this request and recommends approval under conditions that your agency deems appropriate.

Thank you for the opportunity to comment.

Sincerely,

A handwritten signature in cursive script that reads "Mike Hyde".

Mike Hyde, AICP
Community Development Administrator

pc: Newfield Production Company, Rt. 3, Box 3630, Myton, UT 84052

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

Notice is hereby given that the Division of Oil, Gas and Mining (the "Division") is commencing an informal adjudicative proceeding to consider the application of Newfield Production Company, 1001 17th Street, Suite 2000, Denver, Colorado 80202, telephone 303-893-0102, for administrative approval of the following wells located in Duchesne County, Utah, for conversion to Class II injection wells:

Greater Monument Butte Unit:

Federal 15-9-9-16 well located in SW/4 SE/4, Section 9, Township 9 South, Range 16 East
API 43-013-33054
Walton Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15795
C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15111
Monument Federal 24-12J well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-31409
Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32648
State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33845
Federal 11-17-9-16 well located in NE/4 SW/4, Section 17, Township 9 South, Range 16 East
API 43-013-33034
Federal 15-18-9-16 well located in SW/4 SE/4, Section 18, Township 9 South, Range 16 East
API 43-013-33001
Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33020
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33149
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33082
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East
API 43-013-33350
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33425

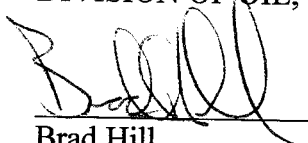
The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

A handwritten signature in black ink, appearing to read 'Brad Hill', is written over a horizontal line.

Brad Hill
Permitting Manager

Newfield Production Company

**FEDERAL 15-9-9-16, WALTON FEDERAL 4, C-O GOVT 1, MONUMENT FEDERAL 24-12J,
FEDERAL 15-13-9-16, STATE 1-16-9-16, FEDERAL 11-17-9-16, FEDERAL 15-18-9-16,
FEDERAL 5-21-9-16, FEDERAL 11A-22-9-16, FEDERAL 1-24-9-16, FEDERAL 1-27-9-16,
FEDERAL 3-29-9-16**

Cause No. UIC-396

Publication Notices were sent to the following:

Newfield Production Company
1001 17th Street, Suite 2000
Denver, CO 80202

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066
via e-mail ubs@ubstandard.com

Salt Lake Tribune
P O Box 45838
Salt Lake City, UT 84145
via e-mail naclegal@mediaoneutah.com

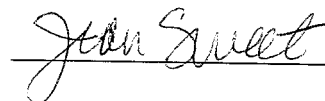
Vernal Office
Bureau of Land Management
170 South 500 East
Vernal, UT 84078

SITLA
675 E 500 S Ste 500
Salt Lake City, UT 84102-2818

Duchesne County Planning
P O Box 317
Duchesne, UT 84021-0317

Bruce Suchomel
US EPA Region 8
MS 8P-W-GW
1595 Wynkoop Street
Denver, CO 80202-1129

Newfield Production Company
Rt 3 Box 3630
Myton, UT 84052





GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

Via e-mail: legals@ubstandard.com

Uintah Basin Standard
268 South 200 East
Roosevelt, UT 84066

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure



Jean Sweet - Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

From: Cindy Kleinfelter <classifieds@ubstandard.com>
To: Jean Sweet <jsweet@utah.gov>
Date: 6/22/2012 8:05 AM
Subject: Re: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

On 6/21/2012 5:41 PM, Jean Sweet wrote:

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet, Executive Secretary
Utah Div. of Oil, Gas & Mining
1594 West Temple, Suite 1210
Salt Lake City, UT
801-538-5329
jsweet@utah.gov

Received. Thank you. It will run June 26.
Cindy



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

June 21, 2012

VIA E-MAIL naclegal@mediaoneutah.com

Salt Lake Tribune
P. O. Box 45838
Salt Lake City, UT 84145

Subject: Notice of Agency Action – Newfield Production Company Cause No. UIC-396

To Whom It May Concern:

Enclosed is a copy of the referenced Notice of Agency Action. Please publish the Notice, once only, as soon as possible. Please notify me via e-mail of the date it will be published. My e-mail address is: jsweet@utah.gov.

Please send proof of publication and billing for **account #9001402352** to:

Division of Oil, Gas and Mining
PO Box 145801
Salt Lake City, UT 84114-5801

Sincerely,

Jean Sweet
Executive Secretary

Enclosure

From: "Fultz, Mark" <naclegal@mediaoneutah.com>
To: <jsweet@utah.gov>
Date: 6/22/2012 9:04 AM
Subject: Legal Notice - UIC 396
Attachments: OrderConf.pdf

AD# 802908
Run Trib/DNews - 6/26
Cost \$393.08
Thank you
Mark

Order Confirmation for Ad #0000802908-01

Client	DIV OF OIL-GAS & MINING	Payor Customer	DIV OF OIL-GAS & MINING
Client Phone	801-538-5340	Payor Phone	801-538-5340
Account#	9001402352	Payor Account	9001402352
Address	1594 W NORTH TEMP #1210, P.O. BOX 145801 SALT LAKE CITY, UT 84114 USA	Payor Address	1594 W NORTH TEMP #1210, P.O. BOX SALT LAKE CITY, UT 84114
Fax	801-359-3940	Ordered By	Acct. Exec
EMail	earlenerussell@utah.gov	Jean	mfultz

Total Amount	\$393.08			
Payment Amt	\$0.00			
Amount Due	\$393.08	<u>Tear Sheets</u>	<u>Proofs</u>	<u>Affidavits</u>
		0	0	1

Payment Method PO Number UIC 396

Confirmation Notes:

Text: Jean

Ad Type	Ad Size	Color
Legal Liner	3.0 X 77 Li	<NONE>

Product	Placement	Position
Salt Lake Tribune::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
Product	Placement	Position
Deseret News::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
Product	Placement	Position
sltrib.com::	Legal Liner Notice - 0998	Public Meeting/Hear-ing Notices
Scheduled Date(s):	06/26/2012	
Product	Placement	Position
utahlegals.com::	utahlegals.com	utahlegals.com
Scheduled Date(s):	06/26/2012	

Order Confirmation for Ad #0000802908-01

Ad Content Proof Actual Size

Order Confirmation for Ad #0000802908-01

Ad Content Proof 135%

BEFORE THE DIVISION OF OIL, GAS AND MINING
DEPARTMENT OF NATURAL RESOURCES
STATE OF UTAH
NOTICE OF AGENCY ACTION
CAUSE NO. UIC-396

IN THE MATTER OF THE APPLICATION OF NEWFIELD PRODUCTION COMPANY FOR ADMINISTRATIVE APPROVAL OF CERTAIN WELLS LOCATED IN SECTIONS 9, 11, 12, 13, 16, 17, 18, 21, 22, 24, 27, AND 29, TOWNSHIP 9 SOUTH, RANGE 16 EAST, DUCHESNE COUNTY, UTAH, AS CLASS II INJECTION WELLS.

THE STATE OF UTAH TO ALL PERSONS INTERESTED IN THE ABOVE ENTITLED MATTER.

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API 43-013-33054
Walton Federal 4 well located in SE/4 NW/4, Section 11, Township 9 South, Range 16 East
API 43-013-15795
C-O Govt 1 well located in NW/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-15111
Monument Federal 24-121 well located in SE/4 SW/4, Section 12, Township 9 South, Range 16 East
API 43-013-31409
Federal 15-13-9-16 well located in SW/4 SE/4, Section 13, Township 9 South, Range 16 East
API 43-013-32648
State 1-16-9-16 well located in NE/4 NE/4, Section 16, Township 9 South, Range 16 East
API 43-013-33845
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API 43-013-33001
Federal 5-21-9-16 well located in SW/4 NW/4, Section 21, Township 9 South, Range 16 East
API 43-013-33020
Federal 11A-22-9-16 well located in NE/4 SW/4, Section 22, Township 9 South, Range 16 East
API 43-013-33149
Federal 1-24-9-16 well located in NE/4 NE/4, Section 24, Township 9 South, Range 16 East
API 43-013-33082
Federal 1-27-9-16 well located in NE/4 NE/4, Section 27, Township 9 South, Range 16 East
API 43-013-33350
Federal 3-29-9-16 well located in NE/4 NW/4, Section 29, Township 9 South, Range 16 East
API 43-013-33425

The proceeding will be conducted in accordance with Utah Admin. R649-10, Administrative Procedures.

Selected zones in the Green River Formation will be used for water injection. The maximum requested injection pressures and rates will be determined based on fracture gradient information submitted by Newfield Production Company.

Any person desiring to object to the application or otherwise intervene in the proceeding, must file a written protest or notice of intervention with the Division within fifteen days following publication of this notice. The Division's Presiding Officer for the proceeding is Brad Hill, Permitting Manager, at P.O. Box 145801, Salt Lake City, UT 84114-5801, phone number (801) 538-5340. If such a protest or notice of intervention is received, a hearing will be scheduled in accordance with the aforementioned administrative procedural rules. Protestants and/or interveners should be prepared to demonstrate at the hearing how this matter affects their interests.

Dated this 21st day of June, 2012.

STATE OF UTAH
DIVISION OF OIL, GAS & MINING

/s/
Brad Hill
Permitting Manager
802908

UPAXLP

Send Payments to:
 Uintah Basin Standard
 268 S 200 E
 Roosevelt, Utah 84066
 Phone: 435-722-5131
 Fax: 435-722-4140



Invoice Number Invoice Date

32048

6/26/2012

Advertiser No.

Invoice Amount

Due Date

2080

\$157.05

7/26/2012

RECEIVED

JUL 09 2012

DIV. OF OIL, GAS & MINING

DIVISION OF OIL GAS & MINING
 Rose Nolton
 1594 W. N. TEMPLE STE 121
 PO BOX 145801
 SALT LAKE CITY, UT 84114-5801

1 1/2% fee will be charged to all
 past due balances.

Amount Enclosed

Please detach top portion and return with your payment

INVOICE

Uintah Basin Standard

DIVISION OF OIL GAS & MINING

Invoice No. 32048

6/26/2012

Date	Order	Description	Ad Size	SubTotal	Sales Tax	Amount
6/26/2012	16066	UBS UBS Legal Notice: Notice of Agcy Actn: Cause No. UIC-396 Pub. June 26, 2012				\$157.05
					Sub Total:	\$157.05
					Total Transactions: 1	Total: \$157.05

SUMMARY Advertiser No. 2080 Invoice No. 32048

1 1/2% fee will be charged to all past due balances.

Thank You for your business!

Thank you for advertising with us, we appreciate your business!

proceeding to consider the application of Newfield Pr...
pany, 11 Suite :
Colora
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Al
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NW
Town
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A
C
300 EAST, ROOS-
OFFICE), 157 SOUTH
GINEERS (PROJECT
HORROCKS EN-
GROVE, UT 84062
#400, PLEASANT
PARKWAY SUITE
WEST GROVE
GINEERS, 2162
HORROCKS EN-
2012:
on Tuesday, June 19,
the following locations
may be examined at
ings, and Addenda,
Specifications, Draw-
of Non-Collision,
Affidavit, Certificate
Verification System
General Conditions, Status
Supplemental Gen-
eral Conditions,
Award, Notice to Pro-
ceed, Change Order,
Performance Bond, Perfor-
mance Bond, Agreement,
Bid Bond, Agreement, Bid,
tion for Bidders, Bid,
ment for Bids, Informa-
sisting of Advertis-
DOCUMENTS, con-
The CONTRACT
to Proceed.
endardays from Notice
Project is to be com-
pleted within 180 cal-
scape restoration, etc.,
asphalt repair, land-
4,900 square yards of
repair, gravel shoulder
include gravel driveway
The project will also in-
and 74-8" Gate Valves,
43-10" Gate Valves,
5-12" Gate Valves,
services, 35 hydrants,
mately 166 residential
also includes approxi-
locations. The project
berry River crossing
lations at 2 Straw-



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

November 1, 2012

Newfield Production Company
1001 Seventeenth Street, Suite 2000
Denver, CO 80202

Subject: Greater Monument Butte Unit Well: Federal 1-27-9-16, Section 27, Township 9 South, Range 16 East, SLBM, Duchesne County, Utah, API Well # 43-013-33350

Gentlemen:

Pursuant to Utah Admin. Code R649-5-3-3, the Division of Oil, Gas and Mining (the "Division") issues its administrative approval for conversion of the referenced well to a Class II injection well. Accordingly, the following stipulations shall apply for full compliance with this approval:

1. Compliance with all applicable requirements for the operation, maintenance and reporting for Underground Injection Control ("UIC") Class II injection wells pursuant to Utah Admin. Code R649-1 et seq.
2. Conformance with all conditions and requirements of the complete application submitted by Newfield Production Company.
3. A casing/tubing pressure test shall be conducted prior to commencing injection.
4. Pressure shall be monitored between the surface casing and the production casing on a regular basis. Any pressure changes observed shall be reported to the Division immediately.
5. The top of the injection interval shall be limited to a depth no higher than 3,665 feet in the Federal 1-27-9-16 well.

A final approval to commence injection will be issued upon satisfactory completion of the listed stipulations. If you have any questions regarding this approval or the necessary requirements, please contact Mark Reinbold at 801-538-5333 or Brad Hill at 801-538-5315.

Sincerely,

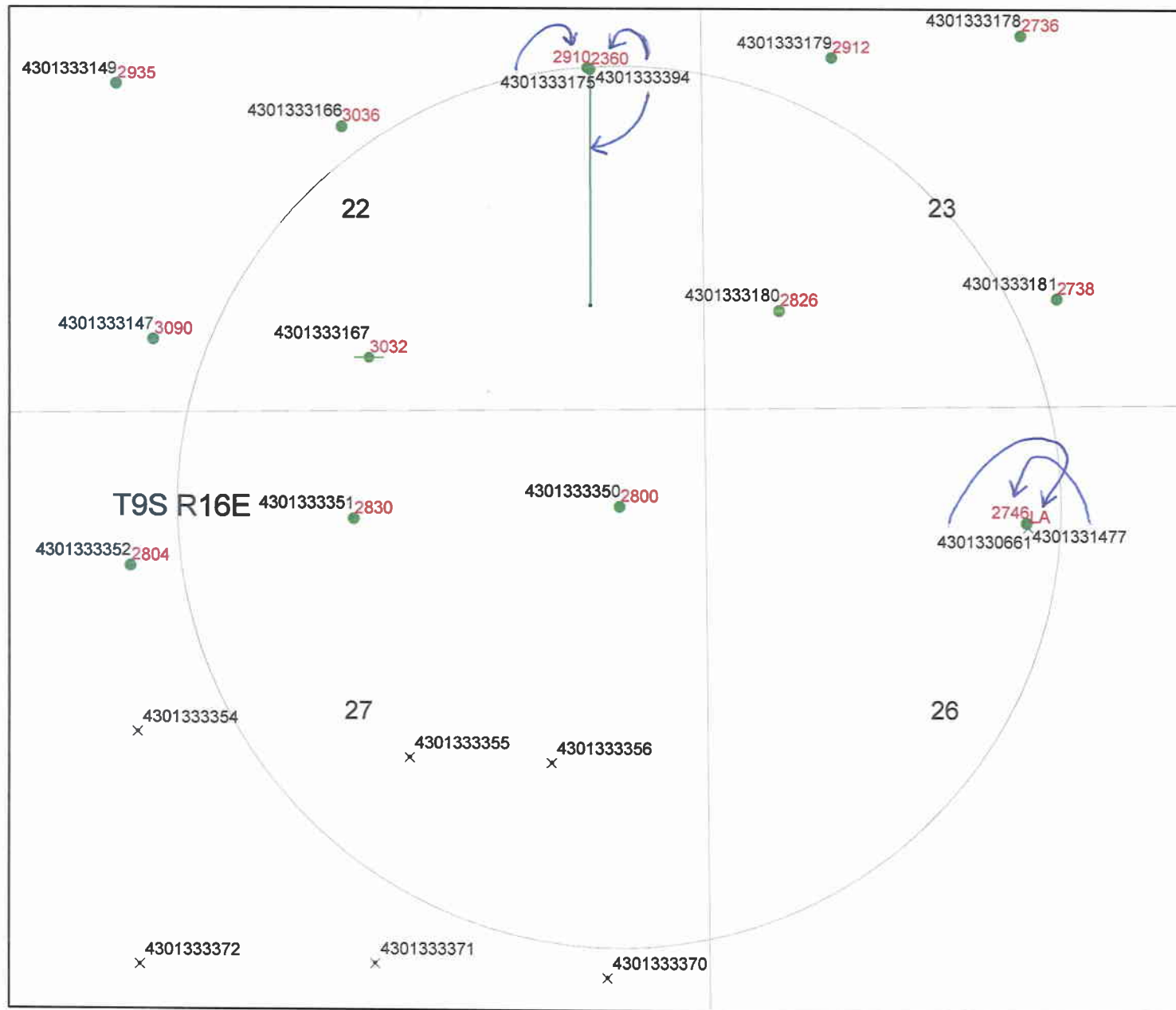
John Rogers
Associate Director

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Duchesne County
Newfield Production Company, Myton
Well File

N:\O&G Reviewed Docs\ChronFile\UIC





Cement Bond Tops
FEDERAL 1-27-9-16
API #43-013-33350
UIC 396.12

Legend

Buffer_of_SGID93_ENERGY_DNROilGasWells_145
SGID93_ENERGY_DNROilGasWells

SGID93_ENERGY_DNROilGasWells

GIS_STAT_TYPE

○ APD

⊕ DRL

⊗ GIW

○_{GS} GSW

× LA

○ LOC

● OPS

⊗ PA

⊗ PGW

● POW

▲ RET

⊗ SGW

● SOW

⊗ TA

○ TW

⊗ WDW

▲ WW

● WSW

⊗

⊗

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SGID93_BOUNDARIES.Counties

• SGID93_ENERGY_DNROilGasWells_HDBottom

— SGID93_ENERGY_DNROilGasWells_HDPath

• Wells-CbltopsMaster08_31_12

0 0.05 0.1 0.2 0.3 0.4 Miles



1870calc = approx cement top calculated from well completion report

**DIVISION OF OIL, GAS AND MINING
UNDERGROUND INJECTION CONTROL PROGRAM
PERMIT
STATEMENT OF BASIS**

Applicant: Newfield Production Company **Well:** Federal 1-27-9-16

Location: 27/9S/16E **API:** 43-013-33350

Ownership Issues: The proposed well is located on BLM land. The well is located in the Greater Monument Butte Unit. Lands in the one-half mile radius of the well are administered by the BLM. The Federal Government is the mineral owner within the area of review (AOR). Newfield and other various individuals hold the leases in the unit. Newfield has provided a list of all surface, mineral and lease holders in the half-mile radius. Newfield is the operator of the Greater Monument Butte Unit. Newfield has submitted an affidavit stating that all owners and interest owners have been notified of their intent.

Well Integrity: The proposed well has surface casing set at 327 feet and has a cement top at the surface. A 5½ inch production casing is set at 5,694 feet. The cement bond log is problematic but appears to demonstrate adequate bond in this well up to at least 2,800 feet, with light cement extending much higher. A 2 7/8 inch tubing with a packer will be set at 4,440 feet. Higher perforations will be opened at a later date. A mechanical integrity test will be run on the well prior to injection. At the time of this writing, there are 6 producing wells and 1 shut-in well in the AOR. All of the wells have evidence of adequate casing and cement for the proposed injection interval.

Ground Water Protection: As interpreted from the Utah Geological Survey's DOE Project-Uinta Basin Water Draft Map (Paul B. Anderson, December 2, 2011), the base of moderately saline water (3000-10,000 mg/l TDS) is at a depth of approximately 2500 feet. Injection shall be limited to the interval between 3,665 feet and 5,653 feet in the Green River Formation. Information submitted by Newfield indicates that the fracture gradient for the 1-27-9-16 well is 0.87 psi/ft., which was the lowest reported fracture gradient for the injection zone. The resulting minimum fracture pressure for the proposed injection interval is 2,034 psig. The requested maximum pressure is 2,034 psig. The requested maximum pressure is 2,034 psig. We intend to permit this well at a maximum pressure of 2,000 psig. The anticipated average injection pressure is 1100 psig. Injection at this pressure should not initiate any new fractures or propagate existing fractures in the adjacent confining intervals. Any ground water present should be adequately protected.

Federal 1-27-9-16

page 2

Oil/Gas& Other Mineral Resources Protection: The Board of Oil, Gas & Mining approved the Greater Monument Butte Unit on December 1, 2009. Correlative rights issues were addressed at this time. Previous reviews in this area indicate that other mineral resources in the area have been protected or are not at issue.

Bonding: Bonded with the BLM

Actions Taken and Further Approvals Needed: A notice of agency action has been sent to the Salt Lake Tribune and the Uinta Basin Standard. A casing/tubing pressure test will be required prior to injection. It is recommended that approval of this application be granted.

Note: Applicable technical publications concerning water resources in the general vicinity of this project have been reviewed and taken into consideration during the permit review process.

Reviewer(s): Mark Reinbold

Date: 10/11/2012

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9			
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392			
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME: 			
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)			
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 1-27-9-16			
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0553 FNL 0503 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 27 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013333500000			
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE			
TYPE OF SUBMISSION <input type="checkbox"/> NOTICE OF INTENT Approximate date work will start: <input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/21/2012 <input type="checkbox"/> SPUD REPORT Date of Spud: <input type="checkbox"/> DRILLING REPORT Report Date:	TYPE OF ACTION <table style="width: 100%; border: none;"> <tr> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER </td> <td style="width: 33%; vertical-align: top;"> <input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/> </td> </tr> </table>		<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>
<input type="checkbox"/> ACIDIZE <input type="checkbox"/> CHANGE TO PREVIOUS PLANS <input checked="" type="checkbox"/> CHANGE WELL STATUS <input type="checkbox"/> DEEPEN <input type="checkbox"/> OPERATOR CHANGE <input type="checkbox"/> PRODUCTION START OR RESUME <input type="checkbox"/> REPERFORATE CURRENT FORMATION <input type="checkbox"/> TUBING REPAIR <input type="checkbox"/> WATER SHUTOFF <input type="checkbox"/> WILDCAT WELL DETERMINATION	<input type="checkbox"/> ALTER CASING <input type="checkbox"/> CHANGE TUBING <input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS <input type="checkbox"/> FRACTURE TREAT <input type="checkbox"/> PLUG AND ABANDON <input type="checkbox"/> RECLAMATION OF WELL SITE <input type="checkbox"/> SIDETRACK TO REPAIR WELL <input type="checkbox"/> VENT OR FLARE <input type="checkbox"/> SI TA STATUS EXTENSION <input type="checkbox"/> OTHER	<input type="checkbox"/> CASING REPAIR <input type="checkbox"/> CHANGE WELL NAME <input checked="" type="checkbox"/> CONVERT WELL TYPE <input type="checkbox"/> NEW CONSTRUCTION <input type="checkbox"/> PLUG BACK <input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION <input type="checkbox"/> TEMPORARY ABANDON <input type="checkbox"/> WATER DISPOSAL <input type="checkbox"/> APD EXTENSION OTHER: <input style="width: 100px;" type="text"/>			
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. The subject well has been converted from a producing oil well to an injection well on 11/20/2012. On 11/21/2012 with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.					
NAME (PLEASE PRINT) Lucy Chavez-Naupoto		PHONE NUMBER 435 646-4874			
SIGNATURE N/A		TITLE Water Services Technician			
DATE 11/30/2012		Accepted by the Utah Division of Oil, Gas and Mining Date: December 03, 2012 By:			

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company**Rt. 3 Box 3630****Myton, UT 84052****435-646-3721**Witness: _____ Date 11/21/12 Time 1:30 am pmTest Conducted by: Riley Budy

Others Present: _____

Well: Federal 1-27-9-16Field: Monument ButteWell Location: Federal 1-27-9-16API No: 4301333350

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1325</u>	psig
5	<u>1325</u>	psig
10	<u>1325</u>	psig
15	<u>1325</u>	psig
20	<u>1325</u>	psig
25	<u>1325</u>	psig
30 min	<u>1325</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

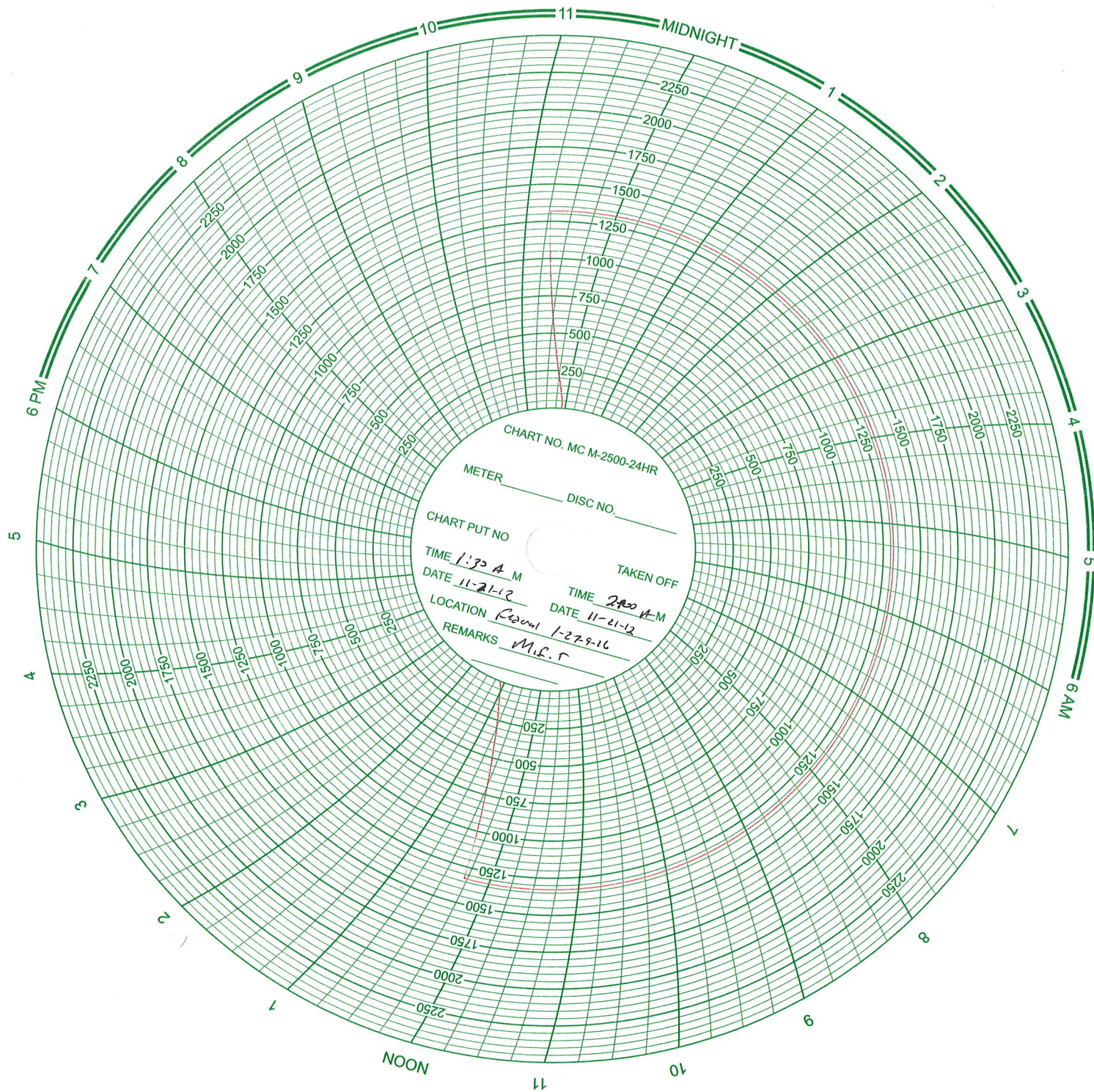
Result:

Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: Riley Budy



Daily Activity Report

Format For Sundry

FEDERAL 1-27-9-16

9/1/2012 To 1/30/2013

11/20/2012 Day: 1

Conversion

WWS #5 on 11/20/2012 - MIRUSU, test tubing - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$16,830

11/21/2012 Day: 2

Conversion

WWS #5 on 11/21/2012 - TOH breaking and redoping collars - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,591

11/26/2012 Day: 3

Conversion

Rigless on 11/26/2012 - Conduct initial MIT - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available

to witness the test. - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$112,425

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 1-27-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0553 FNL 0503 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 27 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013333500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		COUNTY: DUCHESNE
STATE: UTAH		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/14/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between; align-items: flex-start;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 11:00 AM on 05/14/2013</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: June 04, 2013</p> <p>By: </p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/15/2013	

Spud Date: 12/22/2009
 Put on Production: 5/22/2009
 GL: 5797 ' KB: 5809'

Federal 1-27-9-16

Injection Wellbore Diagram

SURFACE CASING

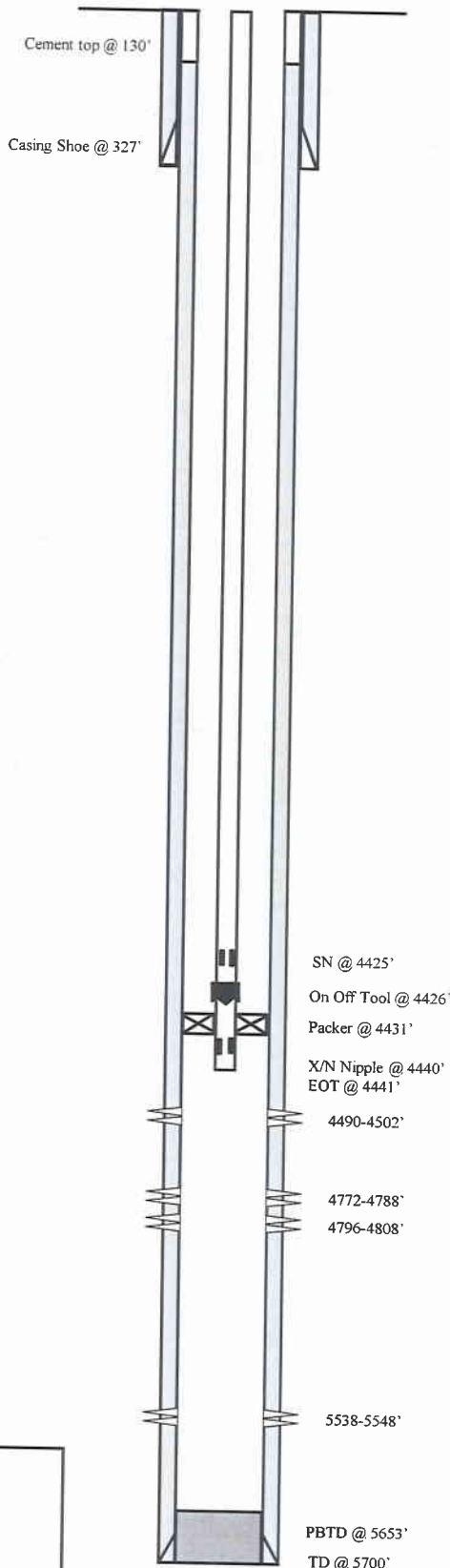
CSG SIZE: 8-5/8"
 GRADE: J-55
 WEIGHT: 24#
 LENGTH: 7 jts (315.63')
 DEPTH LANDED: 327.48' KB
 HOLE SIZE: 12-1/4"
 CEMENT DATA: 160 sx class 'g' cmt

PRODUCTION CASING

CSG SIZE: 5-1/2"
 GRADE: J-55
 WEIGHT: 15.5#
 DEPTH LANDED: 5693.75
 HOLE SIZE: 7-7/8"
 CEMENT DATA: 300 sx primite and 400 sx 50/50 poz
 CEMENT TOP AT: 130'

TUBING

SIZE/GRADE/WT: 2-7/8" / J-55 / 6.5#
 NO. OF JOINTS: 143 jts (4412.8')
 SEATING NIPPLE: 2-7/8" (1.10')
 SN LANDED AT: 4424.8' KB
 ON/OFF TOOL AT: 4425.9'
 ARROW #1 PACKER CE AT: 4431.11'
 XO 2-3/8 x 2-7/8 J-55 AT: 4435.1'
 TBG PUP 2-3/8 J-55 AT: 4435.6'
 X/N NIPPLE AT: 4439.7'
 TOTAL STRING LENGTH: EOT @ 4441'



FRAC JOB

5/22/2009 5538-5548' **Frac CPS sds as follows:** 14,952# of 20/40 sand in 296 bbls of Lightning 17 fluid. Treated w/ ave pressure of 2493 psi @ ave rate of 26.8 BPM. ISIP 2248 psi.

5/22/2009 4772-4808' **Frac A1 sds as follows:** 125,722#s of 20/40 sand in 898 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1798 psi @ ave rate of 26.9 BPM. ISIP 2065 psi.

5/22/2009 4490-4502' **Frac C sds as follows:** 46,703#s of 20/40 sand in 458 bbls of Lightning 17 fluid. Treated w/ ave pressure of 1861 psi @ ave rate of 26.9 BPM. ISIP 3554 psi.

9/25/09 **Tubing Leak** Updated rod & tubing detail.

5/6/2010 **Stuck plunger on pump** Updated rod and tubing detail.

5/25/2010 **Stuck pump.** Updated rod and tubing detail.

11/20/12 **Convert to Injection Well**

11/21/12 **Conversion MIT Finalized** - update tbg detail

PERFORATION RECORD

5/22/09	5538-5548'	4 JSPF	40 holes
5/22/09	4796-4808'	4 JSPF	48 holes
5/22/09	4772-4788'	4 JSPF	64 holes
5/22/09	4490-4502'	4 JSPF	48 holes



Federal 1-27-9-16
 553' FNL & 503' FEL
 NE/NE Section 27-T9S-R16E
 Uintah Co, Utah
 API # 43-013-33350; Lease # UTU-74392



GARY R. HERBERT
Governor

GREGORY S. BELL
Lieutenant Governor

State of Utah

DEPARTMENT OF NATURAL RESOURCES

MICHAEL R. STYLER
Executive Director

Division of Oil, Gas and Mining

JOHN R. BAZA
Division Director

UNDERGROUND INJECTION CONTROL PERMIT


Cause No. UIC-396

Operator: Newfield Production Company
Well: Federal 1-27-9-16
Location: Section 27, Township 9 South, Range 16 East
County: Duchesne
API No.: 43-013-33350
Well Type: Enhanced Recovery (waterflood)

Stipulations of Permit Approval

1. Approval for conversion to Injection Well issued on November 1, 2012.
2. Maximum Allowable Injection Pressure: 2,000 psig
3. Maximum Allowable Injection Rate: (restricted by pressure limitation)
4. Injection Interval: Green River Formation (3,665' – 5,653')
5. Any subsequent wells drilled within a ½ mile radius of this well shall have production casing cement brought up to or above the top of the unitized interval for the Greater Monument Butte Unit.

Approved by:


John Rogers
Associate Director

12-6-2012
Date

JR/MLR/js

cc: Bruce Suchomel, Environmental Protection Agency
Bureau of Land Management, Vernal
Eric Sundberg, Newfield Production Company, Denver
Newfield Production Company, Myton
Duchesne County
Well File

N:\O&G Reviewed Docs\ChronFile\UIC



Daily Activity Report**Format For Sundry****FEDERAL 1-27-9-16****3/1/2009 To 7/30/2009****5/11/2009 Day: 1****Completion**

Rigless on 5/11/2009 - (5-13-09) MIRU Perforators LLC, Run CBL under pressure. Pressure test csg & BOP to 4500 psi. Perforate Stage #1. RDMO WL. 134 BWTR. - (5-13-09) Install 5M frac head. NU 6" 5M Cameron BOP. RU H/O truck & pressure test casing, blind rams, frac head & casing valves to 4500 psi. RU Perforators LLC WLT w/ mast & run CBL under pressure. WLTD @ 5619' cement top @ 130'. Perforate stage #1. CP5 sds @ 5538- 48' w/ 3 1/8" slick guns (19 gram, .49" HE, 120°, 21.92" pen, EXP-3319-331 Titan) w/ 4 spf for total of 40 shots. 134 BWTR. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$11,678

5/19/2009 Day: 2**Completion**

Rigless on 5/19/2009 - 5/19/09 Frac 3 stages & flow well back. - Stage #2, A1 sands. RU BJ Services. 1550 psi on well. Frac A1 sds w/ 125,722#'s of 20/40 sand in 898 bbls of Lightning 17 fluid. Broke @ 4080 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1798 psi @ ave rate of 26.9 BPM. Pumped 504 gals of 15% HCL in flush for Stage #3. ISIP 2065 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug & 12' perf gun. Set plug @ 4570'. Perforate C sds @ 4490-4502' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 48 shots. 1328 BWTR - Stage #1, CP5 sands. RU BJ Services. 21 psi on well. Frac CP5 sds w/ 14,952#'s of 20/40 sand in 296 bbls of Lightning 17 fluid. Broke @ 2392 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 2493 psi @ ave rate of 26.8 BPM. Pumped 504 gals of 15% HCL in flush for Stage #2. ISIP 2248 psi. Leave pressure on well. RU PSI WLT, crane & lubricator. RIH w/ Weatherford 5-1/2" 5K composite flow through frac plug, 16' & 12' perf guns. Set plug @ 4880'. Perforate A1 sds @ 4796-4808' & 4772-88' w/ 3 1/8" slick guns (19 gram, .40" HE, 120°, 38.87" pen, EXP-3319-322T Titan) w/ 4 spf for total of 112 shots. 430 BWTR - Stage #3, C sands. RU BJ Services. 1650 psi on well. Frac C sds w/ 46,703#'s of 20/40 sand in 458 bbls of Lightning 17 fluid. Broke @ 4042 psi. Pumped 780 gals of fresh wtr mixed with 30 gals of Techni-Hib 767W. Treated w/ ave pressure of 1861 psi @ ave rate of 26.9 BPM. ISIP 3554 psi. 1786 BWTR. Open well for immediate flowback @ 3-4 BPM. Well flowed for 4 hours & died. SWIFN. Recovered 580 bbls. 1206 BWTR.

Daily Cost: \$0**Cumulative Cost:** \$75,253

5/20/2009 Day: 3**Completion**

Nabors #1111 on 5/20/2009 - 5-20-09 MIRUSU. Drlg plugs. - MIRUSU. Open well w/ 5 psi on casing. RD Cameron BOP's & frac head. Instal 3M production head & Schafer BOP's. PU 4-3/4" used Chomp mill & x-over sub. Tally & pickup new 2-7/8", 6.5#, J-55 tbg & TIH to tag sand @ 4558'. RU swivel , pump & tanks. C/O to plug @ 4572'. Drlg out plug #1. TIH w/ tbg to tag sand @ 4867'. Swivel broke down. C/O to plug @ 4880'. SIFN.

Daily Cost: \$0**Cumulative Cost:** \$124,635

5/21/2009 Day: 4**Completion**

Nabors #1111 on 5/21/2009 - Clean well out & TOO H w/ tbg. - open well w/ psi on casing. RU swivel. Drlg out Plug #2 @ 4880'. TIH w/ tbg to tag fill @ 5522'. C/O to PBTD @ 5653'. LD 3 jts tbg. RU swab equipment. Mad 16 runs & rec'd 153 bbls of fluid. IFL was surface. FFL was 900'. Last run showed trace of oil w/ no sand. RD swab. TIH w/ tbg to tag no new sand. Circulate well clean. TOO H w/ tbg. LD mill & x-over sub. SIFN.

Daily Cost: \$0

Cumulative Cost: \$132,824

5/22/2009 Day: 5**Completion**

Nabors #1111 on 5/22/2009 - 5-22-09 Put well on pump. - Open well w/ 10 psi on casing. RU NC, 1 jt tbg, SN, 1 jt tbg, TA new Central Hydraulic w/ 45,000# shear, 168 jts tbg. RD BOP's. Set TA @ 5519' w/ 18,000#'s tension w/ SN @ 5552' & EOT @ 5582'. Flush tbg w/ 60 bbls water. Pickup & prime pump. TIH w/ 2-1/2" x 1-1/2" x 17' x 20' new Central Hydraulic RHAC pump w/ 180"SL, 6- 1-1/2" weight rods, 20- 3/4" guidd rods, 95- 3/4" plain rods, 100- 3/4" guided rods, 1-1/2" x 26" polish rod. Space pump. Test tbg & pump to 800 psi. RDMOSU. POP @ 4PM w/ 106"SL @ 4.5 spm w/ 1050 bbls EWTR. Final Report. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$169,276

Pertinent Files: Go to File List

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Oil Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 1-27-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0553 FNL 0503 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 27 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013333500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH

11.

CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

TYPE OF SUBMISSION	TYPE OF ACTION
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 11/21/2012	<input type="checkbox"/> ALTER CASING
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS
	<input checked="" type="checkbox"/> CHANGE WELL STATUS
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS
	<input checked="" type="checkbox"/> CONVERT WELL TYPE
	<input type="checkbox"/> DEEPEN
	<input type="checkbox"/> FRACTURE TREAT
	<input type="checkbox"/> NEW CONSTRUCTION
	<input type="checkbox"/> OPERATOR CHANGE
	<input type="checkbox"/> PLUG AND ABANDON
	<input type="checkbox"/> PLUG BACK
	<input type="checkbox"/> PRODUCTION START OR RESUME
	<input type="checkbox"/> RECLAMATION OF WELL SITE
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL
	<input type="checkbox"/> TEMPORARY ABANDON
	<input type="checkbox"/> TUBING REPAIR
	<input type="checkbox"/> VENT OR FLARE
	<input type="checkbox"/> WATER DISPOSAL
	<input type="checkbox"/> WATER SHUTOFF
	<input type="checkbox"/> SI TA STATUS EXTENSION
	<input type="checkbox"/> WILDCAT WELL DETERMINATION
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>

12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc.

The subject well has been converted from a producing oil well to an injection well on 11/20/2012. On 11/21/2012 with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test.

**Accepted by the
Utah Division of
Oil, Gas and Mining**

Date: December 03, 2012

By: 

NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 11/30/2012	

Mechanical Integrity Test Casing or Annulus Pressure Test

Newfield Production Company
Rt. 3 Box 3630
Myton, UT 84052
435-646-3721

Witness: _____ Date 11/21/12 Time 1:30 am pm
Test Conducted by: Riley Bely
Others Present: _____

Well: Federal 1-27-9-16

Field: Monument Butte

Well Location: Federal 1-27-9-16

API No: 4301333350

<u>Time</u>	<u>Casing Pressure</u>	
0 min	<u>1325</u>	psig
5	<u>1325</u>	psig
10	<u>1325</u>	psig
15	<u>1325</u>	psig
20	<u>1325</u>	psig
25	<u>1325</u>	psig
30 min	<u>1325</u>	psig
35	_____	psig
40	_____	psig
45	_____	psig
50	_____	psig
55	_____	psig
60 min	_____	psig

Tubing pressure: 0 psig

Result:

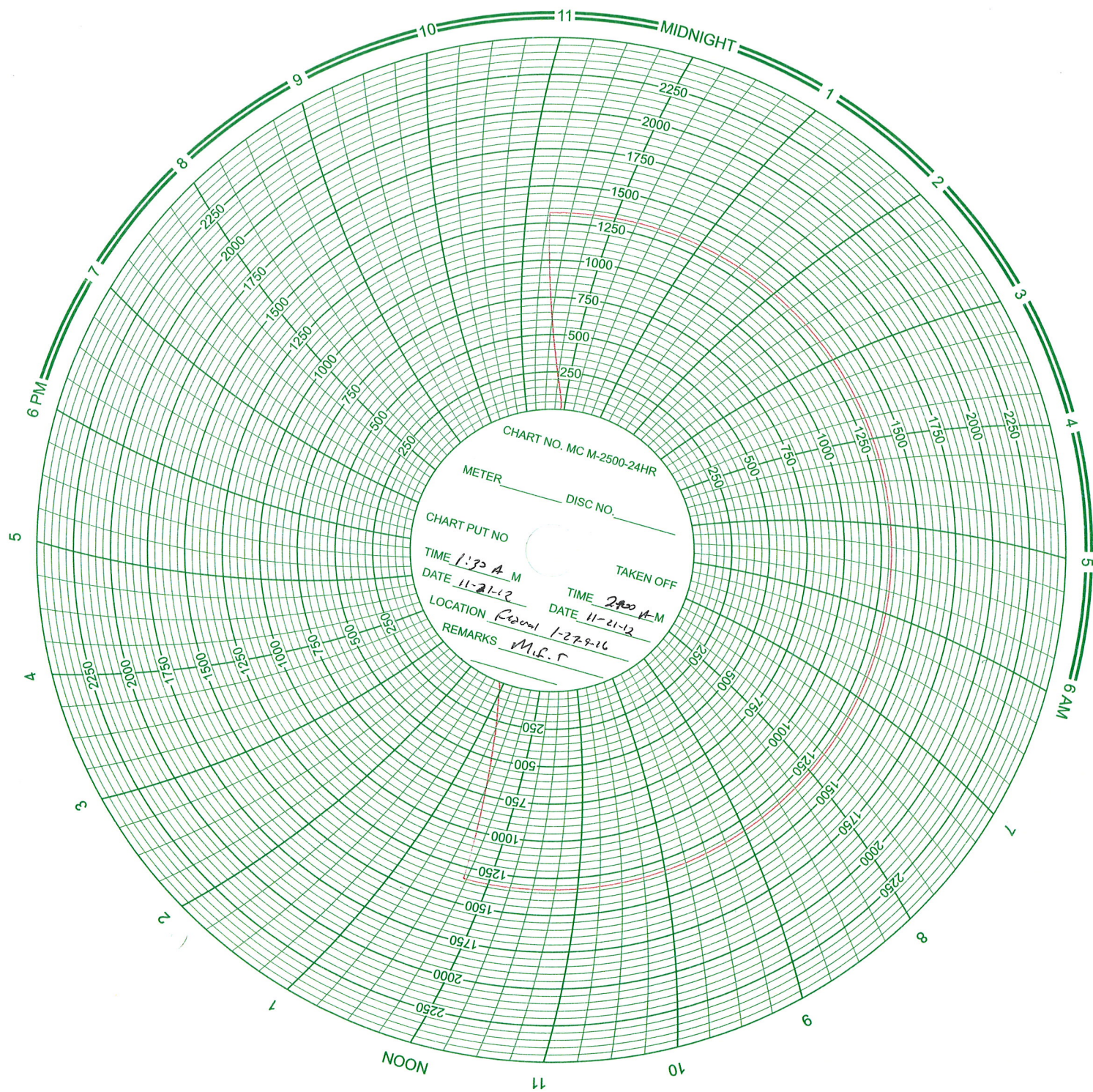
Pass

Fail

Signature of Witness: _____

Signature of Person Conducting Test: _____

Riley Bely



Daily Activity Report

Format For Sundry
FEDERAL 1-27-9-16
9/1/2012 To 1/30/2013

11/20/2012 Day: 1

Conversion

WWS #5 on 11/20/2012 - MIRUSU, test tubing - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. - MIRUSU, pump 60 bbls down csg, remove head unseat pump. Flush rods w/40 bbls, fill nad test tbg to 3000psi, good test. LD 97-3/4 4-per, 40- 3/4 slks, 74-3/4 4 per 6-1/2 wt bars SWI. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$16,830

11/21/2012 Day: 2

Conversion

WWS #5 on 11/21/2012 - TOH breaking and redoping collars - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI - Unseat 5-1/2 TAC, strip on 5000# BOP's. TOOH breaking and redoping every collar w/ 143 jts 2-7/8 tbg. Flushed with 30bbls, cont to LD 32 jts 2-7/8 tbg, LD 5-1/2 TAC, NU TIH w 2-7/8 XN nipple, 2-3/8 4' sub, 2-3/8 x 2-7/8 x-over. 5-1/2 packer, on off tool, 61 jts 2-7/8 tbg EOT @1895. CWI **Finalized**

Daily Cost: \$0

Cumulative Cost: \$23,591

11/26/2012 Day: 3

Conversion

Rigless on 11/26/2012 - Conduct initial MIT - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available

to witness the test. - On 11/21/2012 Chris Jensen with the State of Utah DOGM was contacted concerning the initial MIT on the above listed well. On 11/21/2012 the casing was pressured up to 1325 psig and charted for 30 minutes with no pressure loss. The well was not injecting during the test. The tubing pressure was 0 psig during the test. There was not a State representative available to witness the test. **Finalized**

Daily Cost: \$0

Cumulative Cost: \$112,425

Pertinent Files: [Go to File List](#)

STATE OF UTAH DEPARTMENT OF NATURAL RESOURCES DIVISION OF OIL, GAS, AND MINING		FORM 9
SUNDRY NOTICES AND REPORTS ON WELLS Do not use this form for proposals to drill new wells, significantly deepen existing wells below current bottom-hole depth, reenter plugged wells, or to drill horizontal laterals. Use APPLICATION FOR PERMIT TO DRILL form for such proposals.		5. LEASE DESIGNATION AND SERIAL NUMBER: UTU-74392
1. TYPE OF WELL Water Injection Well		6. IF INDIAN, ALLOTTEE OR TRIBE NAME:
2. NAME OF OPERATOR: NEWFIELD PRODUCTION COMPANY		7. UNIT or CA AGREEMENT NAME: GMBU (GRRV)
3. ADDRESS OF OPERATOR: Rt 3 Box 3630, Myton, UT, 84052		8. WELL NAME and NUMBER: FEDERAL 1-27-9-16
4. LOCATION OF WELL FOOTAGES AT SURFACE: 0553 FNL 0503 FEL QTR/QTR, SECTION, TOWNSHIP, RANGE, MERIDIAN: Qtr/Qtr: NENE Section: 27 Township: 09.0S Range: 16.0E Meridian: S		9. API NUMBER: 43013333500000
PHONE NUMBER: 435 646-4825 Ext		9. FIELD and POOL or WILDCAT: MONUMENT BUTTE
COUNTY: DUCHESNE		STATE: UTAH
11. CHECK APPROPRIATE BOXES TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA		
TYPE OF SUBMISSION	TYPE OF ACTION	
<input type="checkbox"/> NOTICE OF INTENT Approximate date work will start:	<input type="checkbox"/> ACIDIZE	
<input checked="" type="checkbox"/> SUBSEQUENT REPORT Date of Work Completion: 5/14/2013	<input type="checkbox"/> ALTER CASING	
<input type="checkbox"/> SPUD REPORT Date of Spud:	<input type="checkbox"/> CASING REPAIR	
<input type="checkbox"/> DRILLING REPORT Report Date:	<input type="checkbox"/> CHANGE TO PREVIOUS PLANS	
	<input type="checkbox"/> CHANGE TUBING	
	<input checked="" type="checkbox"/> CHANGE WELL STATUS	
	<input type="checkbox"/> COMMINGLE PRODUCING FORMATIONS	
	<input type="checkbox"/> CONVERT WELL TYPE	
	<input type="checkbox"/> DEEPEN	
	<input type="checkbox"/> FRACTURE TREAT	
	<input type="checkbox"/> NEW CONSTRUCTION	
	<input type="checkbox"/> OPERATOR CHANGE	
	<input type="checkbox"/> PLUG AND ABANDON	
	<input type="checkbox"/> PLUG BACK	
	<input type="checkbox"/> PRODUCTION START OR RESUME	
	<input type="checkbox"/> RECLAMATION OF WELL SITE	
	<input type="checkbox"/> RECOMPLETE DIFFERENT FORMATION	
	<input type="checkbox"/> REPERFORATE CURRENT FORMATION	
	<input type="checkbox"/> SIDETRACK TO REPAIR WELL	
	<input type="checkbox"/> TEMPORARY ABANDON	
	<input type="checkbox"/> TUBING REPAIR	
	<input type="checkbox"/> VENT OR FLARE	
	<input type="checkbox"/> WATER DISPOSAL	
	<input type="checkbox"/> WATER SHUTOFF	
	<input type="checkbox"/> SI TA STATUS EXTENSION	
	<input type="checkbox"/> WILDCAT WELL DETERMINATION	
	<input type="checkbox"/> OTHER: <input style="width: 100px;" type="text"/>	
12. DESCRIBE PROPOSED OR COMPLETED OPERATIONS. Clearly show all pertinent details including dates, depths, volumes, etc. <div style="display: flex; justify-content: space-between;"> <div style="width: 60%;"> <p>The above reference well was put on injection at 11:00 AM on 05/14/2013</p> </div> <div style="width: 35%; text-align: right;"> <p>Accepted by the Utah Division of Oil, Gas and Mining</p> <p>Date: June 04, 2013</p> <p>By: </p> </div> </div>		
NAME (PLEASE PRINT) Lucy Chavez-Naupoto	PHONE NUMBER 435 646-4874	TITLE Water Services Technician
SIGNATURE N/A	DATE 5/15/2013	